



Balances & Scales Catalog



Ingenious Portfolio

Our rich history and extensive industry knowledge has resulted in a comprehensive line of high-performance balances and scales that continually meet our customers' needs at economical and cost-effective prices.

Look inside for NEW product information!

Ingeniously Practical

MEA

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promotions and success stories with customers around the globe.





Discover our ingenious portfolio

1 Explorer™ Semi-Micro

OHAUS highest performance balances, now available with software update 2.25. Data integrity, enhanced user management system, log file, calibration file and label printing function, all you need in one balance!

► See page 11

2 MB120

MB120 with revolutionary SmartGuide™ feature. Designed to simplify the method creation and development. With MB120, moisture analysis process is faster, easier, and more efficient.

► See page 31

3 Defender™ 6000

The OHAUS IP68/IP69K washdown table scale Defender™ 6000, constructed from 316 stainless steel.

► See page 45

4 Courier™ 7000

New range of scales ideal for general shipping and animal weighing applications.

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	46 Defender™ 6000 Hybrid
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Features

	INTERNAL ADJUSTMENT
	AutoCal™
	USB INTERFACE
	RS232 INTERFACE
	ANALOGUE INPUT
	EC TYPE APPROVED
	IP DUST AND WATER PROTECTED
	BATTERY (NOT SUPPLIED)
	RECHARGEABLE BATTERY
	KNOWLEDGE AND/OR TOOLS NEEDED
	BLUETOOTH
	WI-FI
	ETHERNET
	SD ALIBI MEMORY
	AUTO DOOR
	IONIZER
	NEW

Laboratory Balances
– applications & features

		Semi-Micro, Analytical & Precision										Precision Portable					
		EX 5(d)	EX	EX HC	AX 5(d)	AX	AX HC	PX 5(d)	PX	PX HC	PR	STX	SKX	NV / NVT	CX	CR	YA
Applications	Weighing	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Parts Counting	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Percentage Weighing	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Below Balance Weighing	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Custom unit - Factor entry	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Checkweighing	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Dynamic/Animal Weighing	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Gross/Net/Tare	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Totalization	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Statistics	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Differential Weighing	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Filling	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Density Determination	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Pipette Adjustment	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Display Hold	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Formulation	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Ingredients Costing	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	SQC	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Fill Weight Variation	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	High Point	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Mole weighing	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	User management	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	System log	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Operation	Mains Operation	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Battery Operation	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Rechargeable battery	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Display	LCD	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Backlit LCD	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Backlit 2-lines LCD	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Full colour VGA touch display	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Multilingual	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Output	RS232	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	USB	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Ethernet	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Bluetooth	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	GLP Time/Date	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Other	Auto Door	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Ionizer	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Internal Calibration	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Advanced AutoCal™	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	EC Type Approval	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
	Print-to-USB drive	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
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• standard
 •* on specific models
 • option
 •* accessory

To follow regulations,
 some applications may
 not be available on EC
 Type approved Models

Industry Scales
– applications & features

	Shipping Scales				Food Compact Scales					Compact Scales Ranger					Bench scales & indicators					
															D2000	D3000	D5000 VF	D6000	D7000	D8000
	Courier™ 1000	Courier™ 3000	Courier™ 5000	Courier™ 7000	Valor 1000	Valor 2000	Valor 3000	Valor 4000	Valor 7000	3000 Count	3000	4000 Count	4000	7000	T24PE	i-DT33	TDxxXW /TDxxP	i-DT61	T72XW	T82XWw
Max Resolution	2000	2000	3000	7500	7500	7500	40000	7500	30000	30000	30000	30000	30000	350000	20000	30000	75000	75000	50000	10000K
Parts counting	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Check Weighing	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Percentage Weighing	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Totalling	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Dynamic weighing	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Weighing below	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Auto Tare	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Numeric Keyboard	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Alphanumeric keyboard	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Touchless sensor	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
LCD Display	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Backlit LCD Display	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
LED display	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Battery Operation	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Rechargeable battery	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
RS232 interface included	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
USB	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Ethernet	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
2nd RS interface	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Time / Date	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
GMP Data Output	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
IP 65 / 68 Protection	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Alibi Memory	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
EC Type Approval	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Bluetooth / Wi-Fi	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
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• standard; •* on specific models; •**Approvable by Notified Body; • Optional 1 - application depends on selected software

To follow regulations, some applications may not be available on EC Type approved models.

Industrial scales

Readability [d]	Capacity max (kg)	Model	Page	M* EC type approval	Internal Adjustment	Counting	RS232 Interface	USB Interface	IP 65 / 68	Rechargeable battery	Battery operation	Bluetooth / Wi-Fi	Ethernet
0.01	0.2	V31XH202	80						•				
0.01	0.4	V31XH402	80								•		
0.01	3	R71MHD3-EU	72		•	•	•	•		•			•
0.02	6	R71MHD6-EU	72										
0.05	1.5	V71P1502T	78										
0.05	1.5	R31P1502	75			•	•	•					•
0.05	1.5	RC31P1502	76			•	•	•					•
0.05	3	R71MD3-EU	72			•	•	•					•
0.1	0.3	V31XW301	80						•				
0.1	0.5	V31XS01	80								•		
0.1	2	V31XH2	80						•		•		
0.1	3	V71P3T	78									•	
0.1	3	R31P3	75			•	•	•				•	
0.1	3	RC31P3	76			•	•	•				•	
0.1	3	R41ME3	73			•	•	•				•	
0.1	3	RC41M3	74			•	•	•				•	
0.1	3	R71MHD3-EU-M	72	•	•	•	•	•		•			•
0.1	4	V31XH4	80									•	
0.1	6	R71MD6-EU	72			•	•	•				•	
0.1	15	R71MHD15-EU	72		•	•	•	•				•	
0.1	35	R71MHD35-EU	72									•	
0.2	1.5	V22PWE1501T	81						•				
0.2	1.5	V22XWE1501T	79						•				
0.2	1.5	V41PWE1501T	79						•				
0.2	1.5	V41XWE1501T	79						•				
0.2	6	V71P6T	78				•	•				•	
0.2	6	R31P6	75			•	•	•				•	
0.2	6	RC31P6	76			•	•	•				•	
0.2	6	R41ME6	73			•	•	•				•	
0.2	6	RC41M6	74			•	•	•				•	
0.2	6	R71MHD6-EU-M	72	•	•	•	•	•		•			•
0.2	15	R71MD15-EU	72			•	•	•				•	
0.5	3	I-D61PW3K1S5	47			•	•	•		•			
0.5	3	I-D61XWE3K1S6-EU	45			•	•	•		•	•		
0.5	3	I-D61PW3K1S6	46			•	•	•		•			
0.5	6	D52P6RQDR5	54			•	•	•				•	
0.5	6	D52P6RQDR1	52			•	•	•				•	
0.5	6	D52XW6RQDR1-EU	51			•	•	•				•	
0.5	6	D52XW6WQDR5-EU	53			•	•	•				•	
0.5	6	D52XW6WQDR6-EU	50			•	•	•				•	
0.5	6	I-D61PW6K1S5	47			•	•	•		•			
0.5	6	I-D61PW6K1S6	46			•	•	•		•			
0.5	6	I-D61XWE6K1S6-EU	45			•	•	•		•	•		
0.5	1.5	V41PWE1501T-M	79	•					•				
0.5	1.5	V41XWE1501T-M	79	•					•				
0.5	1.5	V71P1502T-M	78			•	•	•				•	
0.5	1.5	R31P1502-M	75			•	•	•				•	
0.5	1.5	RC31P1502-M	76			•	•	•				•	
0.5	3	V12P3	82										
0.5	3	V12P3T-M	82	•									
0.5	3	V22PWE3T	81						•				
0.5	3	V22XWE3T	81						•				
0.5	3	V31XW3	80							•			
0.5	3	V41PWE3T	79						•				
0.5	3	V41XWE3T	79						•				
0.5	3	R71MD3-EU-M	72	•		•	•	•				•	
0.5	15	V71P15T	78									•	
0.5	15	R31P15	75			•	•	•				•	
0.5	15	RC31P15	76			•	•	•				•	
0.5	15	R41ME15	73			•	•	•				•	
0.5	15	RC41M15	74			•	•	•				•	
0.5	35	R71MD35-EU	72									•	
1	3	V31X3	80						•		•		
1	3	V41PWE3T-M	79	•					•				
1	3	V41XWE3T-M	79	•					•				
1	3	V71P3T-M	78			•	•	•				•	
1	3	R31P3-M	75			•	•	•				•	
1	3	RC31P3-M	76			•	•	•				•	
1	3	R41ME3-M	73			•	•	•				•	
1	3	RC41M3-M	74			•	•	•				•	
1	3	I-D61PW3K1S5-M	47	•		•	•	•		•			
1	3	I-D61PW3K1S6-M	46	•		•	•	•		•			
1	3	I-D61XWE3K1S6-M	45	•		•	•	•		•	•		
1	6	V12P6	82										
1	6	V12P6T-M	82	•									
1	6	V22PWE6T	81						•				
1	6	V22XWE6T	81						•				
1	6	V31X6	80								•		
1	6	V31XW6	80								•		
1	6	V41PWE6T	79									•	
1	6	V41XWE6T	79									•	
1	6	R71MD6-EU-M	72	•		•	•	•		•			•
1	15	R71MHD15-EU-M	72	•	•	•	•	•				•	
1	15	D52P15RQDR5	54			•	•	•				•	
1	15	D52P15RQDR1	52			•	•	•				•	
1	15	D52P15RQDL5	54			•	•	•				•	
1	15	D52P15RQDL2	52			•	•	•				•	
1	15	D52XW15RQDR1-EU	51			•	•	•				•	
1	15	D52XW15RQDL2-EU	51			•	•	•				•	
1	15	D52XW15WQDR5-EU	53			•	•	•				•	
1	15	D52XW15WQDL5-EU	53			•	•	•				•	
1	15	D52XW15WQDR6-EU	50			•	•	•				•	
1	15	D52XW15WQDL7-EU	50			•	•	•				•	
1	15	D52XW15WQR5-EU	53			•	•	•				•	
1	15	D52XW15WQR6-EU	49			•	•	•				•	
1	15	D52XW15WQL5-EU	53			•	•	•				•	
1	15	D52XW15WQL7-EU	49			•	•	•				•	
1	15	I-D61PW15K1R5	47			•	•	•		•			
1	15	I-D61PW15K1R6	46			•	•	•		•			
1	15	I-D61XWE15K1R6-EU	45			•	•	•		•	•		
1	30	V71P30T	78									•	
1	30	R31P30	75			•	•	•				•	
1	30	RC31P30	75			•	•	•				•	
1	30	R41ME30	73			•	•	•				•	
1	30	RC41M30	74			•	•	•				•	
1	35	R71MHD35-EU-M	72	•	•	•	•	•		•			•

• Standard; • Optional; *not all features/applications are available on approved models

Readability [d]	Capacity max (kg)	Model	Page	M* EC type approval	Internal Adjustment	Counting	RS232 Interface	USB Interface	IP 65 / 68	Rechargeable battery	Battery operation	Bluetooth / Wi-Fi	Ethernet
1	60	R71MD60-EU	72			•	•	•		•			•
2	6	I-C52M6R EU	85								•		
2	6	V41PWE6T-M	79	•									
2	6	V41XWE6T-M	79	•									
2	6	V71P6T-M	78	•									
2	6	R31P6-M	75	•		•	•	•		•		•	•
2	6	RC31P6-M	76	•		•	•	•		•		•	•
2	6	R41ME6-M	73	•		•	•	•		•		•	•
2	6	RC41M6-M	74	•		•	•	•		•		•	•
2	6	D52P6RQDR5-M	54	•		•	•	•		•		•	•
2	6	D52P6RQDR1-M	52	•		•	•	•		•		•	•
2	6	D52XW6RQDR1-M	51	•		•	•	•		•		•	•
2	6	D52XW6WQDR5-M	53	•		•	•	•		•		•	•
2	6	D52XW6WQDR6-M	50	•		•	•	•		•		•	•
2	6	I-D61PW6K1S5-M	47	•		•	•	•		•		•	•
2	6	I-D61PW6K1S6-M	46	•		•	•	•		•		•	•
2	6	I-D61XWE6K1S6-M	45	•		•	•	•		•		•	•
2	15	I-C71M15R EU	84	•		•	•	•		•		•	•
2	15	V12P15	82										
2	15	V12P15T-M	82	•									
2	15	V22PWE15T	81										
2	15	V22XWE15T	81				•						
2	15	V41PWE15T	79										
2	15	V41XWE15T	79										
2	15	R71MD15-EU-M	72	•		•	•	•		•			•
2	15	I-D33P15B1R5	58			•	•	•		•		•	
2	15	I-D33P15B1R1	58			•	•	•		•		•	
2	15	I-D33XW15B1R5-EU	57			•	•	•		•		•	
2	15	I-D33XW15B1R1-EU	57			•	•	•		•		•	
2	15	I-D33XW15C1R5-EU	56			•	•	•		•		•	
2	15	I-D33XW15C1R6-EU	56			•	•	•		•		•	
2	30	D52P30RQDL5	54			•	•	•		•		•	•
2	30	D52P30RQDL2	52			•	•	•		•		•	•
2	30	D52XW30RQDL2-EU	51			•	•	•		•		•	•
2	30	D52XW30WQDL5-EU	53			•	•	•		•		•	•
2	30	D52XW30WQDL7-EU	50			•	•	•		•		•	•
2	30	D52XW30WQL5-EU	53			•	•	•		•		•	•
2	30	D52XW30WQL7-EU	49			•	•	•		•		•	•
2	30	I-D61PW30K1R5	47			•	•	•		•		•	•
2	30	I-D61PW30K1R6	46			•	•	•		•		•	•
2	30	I-D61XWE30K1R6-EU	45			•	•	•		•		•	•
5	9	I-C12P9 EU	87										
5	15	I-C71M15R-M	84	•			•	•				•	•
5	15	V41PWE15T-M	79	•						•			
5	15	V41XWE15T-M	79	•						•			
5	15	V71P15T-M	78	•			•	•		•			•
5	15	R31P15-M	75	•		•	•	•		•		•	•
5	15	RC31P15-M	76	•		•	•	•		•		•	•
5	15	R41ME15-M	73	•		•	•	•		•		•	•
5	15	RC41M15-M	74	•		•	•	•		•		•	•
5	15	I-D33P15B1R5-M	58	•		•	•	•		•		•	•
5	15	I-D33P15B1R1-M	58	•		•	•	•		•		•	•
5	15	I-D33XW15B1R5EU-M	57	•		•	•	•		•		•	•
5	15	I-D33XW15B1R1EU-M	57	•		•	•	•		•		•	•
5	15	I-D33XW15C1R5EU-M	56	•		•	•	•		•		•	•
5	15	I-D33XW15C1R6EU-M	56	•		•	•	•		•		•	•
5	15	D52P15RQDR5-M	54	•		•	•	•		•		•	•
5	15	D52P15RQDR1-M	52	•		•	•	•		•		•	•
5	15	D52P15RQDL5-M	54	•		•	•	•		•		•	•
5	15	D52P15RQDL2-M	52	•		•	•	•		•		•	•
5	15	D52XW15RQDR1-M	51	•		•	•	•		•		•	•
5	15	D52XW15RQDL2-M	51	•		•	•	•		•		•	•
5	15	D52XW15WQDR5-M	53	•		•	•	•		•		•	•
5	15	D52XW15WQDR6-M	50	•		•	•	•		•		•	•
5	15	D52XW15WQDL5-M	53	•		•	•	•		•		•	•
5	15	D52XW15WQDL7-M	53	•		•	•	•		•		•	•
5	15	D52XW15WQDR5-M	53	•		•	•	•		•		•	•
5	15	D52XW15WQDR6-M	49	•		•	•	•		•		•	•
5	15	D52XW15WQL5-M	53	•		•	•	•		•		•	•
5	15	D52XW15WQL7-M	49	•		•	•	•		•		•	•
5	15	I-D61PW15K1R5-M	47	•		•	•	•		•		•	•
5	15	I-D61PW15K1R6-M	46	•		•	•	•		•		•	•
5	15	I-D61XWE15K1R6-M	45	•		•	•	•		•		•	•
5	30	V12P30	82							•		•	
5	30	V12P30T-M	82	•						•		•	
5	30	V22PWE30T	81				•						
5	30	V22XWE30T	81										
5	30	D24PE30FR	60			•	•						
5	30	I-D33P30B1R5	58			•	•	•		•		•	•
5	30	I-D33P30B1R1	58			•	•	•		•		•	•
5	30	I-D33XW30B1R5-EU	57			•	•	•		•		•	•
5	30	I-D33XW30B1R1-EU	57			•	•	•		•		•	•
5	30	I-D33XW30C1R5-EU	56			•	•	•		•		•	•
5	30	I-D33XW30C1R6-EU	56			•	•	•		•		•	•
5	35	R71MD35-EU-M	72	•									
5	60	D52P60RQDL5	54			•	•	•		•		•	•
5	60	D52P60RQDL2	52			•	•	•		•		•	•
5	60	D52P60RQDX5	54			•	•	•		•		•	•
5	60	D52P60RQDX2	52			•	•	•		•		•	•
5	60	D52P60RQDV3	52			•	•	•		•		•	•
5	60	D52XW60RQDL2-EU	51			•	•	•		•		•	•
5	60	D52XW60RQDX2-EU	51			•	•	•		•		•	•
5	60	D52XW60RQDV3-EU	51			•	•	•		•		•	•
5	60	D52XW60WQDL5-EU	53			•	•	•		•		•	•
5	60	D52XW60WQDL7-EU	50			•	•	•		•		•	•
5	60	D52XW60WQDX5-EU	53			•	•	•		•		•	•
5	60	D52XW60WQDX7-EU	50			•	•	•		•		•	•
5	60	D52XW60WQDV8-EU	50			•	•	•		•		•	•
5	60	D52XW60WQL5-EU	53			•	•	•		•		•	•
5	60	D52XW60WQL7-EU	49			•	•	•		•		•	•
5	60	D52XW60WQX5-EU	53			•	•	•		•		•	•
5	60	D52XW60WQX7-EU	49			•	•	•		•		•	•
5	60	D52XW60WQV8-EU	49			•	•	•		•		•	•
5	60	I-D61PW60K1L5	47			•	•	•		•		•	•
5	60	I-D61PW60K1L7	46			•	•	•		•		•	•
5	60	I-D61XWE60K1L7-EU	45			•	•	•		•		•	•

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Readability [d]	Capacity max (kg)	Model	Page	M* EC type approval	Internal Adjustment	Counting	RS232 Interface	USB Interface	IP 65 / 68	Rechargeable battery	Battery operation	Bluetooth / Wi-Fi	Ethernet
10	20	i-C12P20 EU	87										
10	30	i-C52M30R EU	85										
10	30	V71P30T-M	78										
10	30	R31P30-M	75										
10	30	RC31P30-M	76										
10	30	R41ME30-M	73										
10	30	RC41M30-M	74										
10	30	i-D33P30B1R5-M	58										
10	30	i-D33P30B1R1-M	57										
10	30	i-D33XW30B1R5EU-M	58										
10	30	i-D33XW30B1R1EU-M	57										
10	30	i-D33XW30C1R5EU-M	56										
10	30	i-D33XW30C1R6EU-M	56										
10	30	D52P30RQDL5-M	54										
10	30	D52P30RQDL2-M	52										
10	30	D52XW30RQDL2-M	51										
10	30	D52XW30WQDL5-M	53										
10	30	D52XW30WQDL7-M	50										
10	30	D52XW30WQL5-M	53										
10	30	D52XW30WQL7-M	49										
10	30	i-D61PW30K1R5-M	47										
10	30	i-D61PW30K1R6-M	46										
10	30	i-D61XWE30K1R6-M	45										
10	60	i-C71M60R EU	84										
10	60	i-C71M60L EU	84										
10	60	R71MD60-EU-M	72										
10	60	D24PE60FR	60										
10	60	D24PE60FL	60										
10	60	i-D33P60B1R5	58										
10	60	i-D33P60B1R1	58										
10	60	i-D33P60B1L5	58										
10	60	i-D33P60B1L2	58										
10	60	i-D33XW60B1R5-EU	57										
10	60	i-D33XW60B1R1-EU	57										
10	60	i-D33XW60B1L5-EU	57										
10	60	i-D33XW60B1L2-EU	57										
10	60	i-D33XW60C1R5-EU	56										
10	60	i-D33XW60C1R6-EU	56										
10	60	i-D33XW60C1L5-EU	56										
10	60	i-D33XW60C1L7-EU	56										
10	150	D52P150RQDX5	54										
10	150	D52P150RQDX2	52										
10	150	D52P150RQDV3	52										
10	150	D52P150RTDV3	52										
10	150	D52XW150RQDX2-EU	51										
10	150	D52XW150RQDV3-EU	51										
10	150	D52XW150RTDV3-EU	51										
10	150	D52XW150WQDX5-EU	53										
10	150	D52XW150WQDX7-EU	50										
10	150	D52XW150WQDV8-EU	50										
10	150	D52XW150WTDV8-EU	50										
10	150	D52XW150WQX5-EU	53										
10	150	D52XW150WQX7-EU	49										
10	150	D52XW150WQV8-EU	49										
10	150	i-D61PW150K1L5	47										
10	150	i-D61PW150K1L7	46										
10	150	i-D61XWE150K1L7-EU	45										
20	35	i-C31M35R EU	86										
20	50	i-C52M50R EU	85										
20	50	i-C52M50L EU	85										
20	60	i-C71M60R-M	84										
20	60	i-C71M60L-M	84										
20	60	i-D33P60B1R5-M	58										
20	60	i-D33P60B1R1-M	58										
20	60	i-D33P60B1L5-M	58										
20	60	i-D33P60B1L2-M	58										
20	60	i-D33XW60B1R5EU-M	57										
20	60	i-D33XW60B1R1EU-M	57										
20	60	i-D33XW60B1L5EU-M	57										
20	60	i-D33XW60C1R5EU-M	56										
20	60	i-D33XW60C1R6EU-M	56										
20	60	i-D33XW60C1L5EU-M	56										
20	60	i-D33XW60C1L7EU-M	56										
20	60	D52P60RQDL5-M	54										
20	60	D52P60RQDL2-M	52										
20	60	D52P60RQDX5-M	54										
20	60	D52P60RQDX2-M	52										
20	60	D52P60RQDV3-M	52										
20	60	D52XW60RQDL2-M	51										
20	60	D52XW60RQDX2-M	51										
20	60	D52XW60RQDV3-M	51										
20	60	D52XW60WQDL5-M	53										
20	60	D52XW60WQDL7-M	50										
20	60	D52XW60WQDX5-M	53										
20	60	D52XW60WQDX7-M	50										
20	60	D52XW60WQDV8-M	50										
20	60	D52XW60WQL5-M	53										
20	60	D52XW60WQL7-M	49										
20	60	D52XW60WQX5-M	53										
20	60	D52XW60WQX7-M	49										
20	60	D52XW60WQV8-M	49										
20	60	i-D61PW60K1L5-M	47										
20	60	i-D61PW60K1L7-M	46										
20	60	i-D61XWE60K1L7-M	45										
20	150	i-C71M150L EU	84										
20	150	i-C71M150X EU	84										
20	150	D24PE150FX	60										
20	150	D24PE150FL	60										
20	150	i-D33P150B1L5	58										
20	150	i-D33P150B1L2	58										
20	150	i-D33P150B1X5	58										
20	150	i-D33P150B1X2	58										
20	150	i-D33XW150B1L5-EU	57										
20	150	i-D33XW150B1L2-EU	57										
20	150	i-D33XW150B1X5-EU	57										

Readability [d]	Capacity max (kg)	Model	Page	M* EC type approval	Internal Adjustment	Counting	RS232 Interface	USB Interface	IP 65 / 68	Rechargeable battery	Battery operation	Bluetooth / Wi-Fi	Ethernet
20	150	i-D33XW150B1X2-EU	57			•	•	•	•	•			•
20	150	i-D33XW150C1L5-EU	56			•	•	•	•	•			•
20	150	i-D33XW150C1L7-EU	56			•	•	•	•	•			•
20	150	i-D33XW150C1X5-EU	56			•	•	•	•	•			•
20	150	i-D33XW150C1X7-EU	56			•	•	•	•	•			•
20	300	D52P300RQDV3	52			•	•	•	•	•			•
20	300	D52P300RTDV3	52			•	•	•	•	•		•	•
20	300	D52XW300RQDV3-EU	51			•	•	•	•	•			•
20	300	D52XW300RTDV3-EU	51			•	•	•	•	•			•
20	300	D52XW300WQDV8-EU	50			•	•	•	•	•			•
20	300	D52XW300WTDV8-EU	50			•	•	•	•	•			•
50	75	i-C12P75 EU	87								•		
50	75	i-C31M75R EU	86									•	
50	75	i-C31M75L EU	86									•	
50	100	i-C52M100L EU	85					•				•	
50	150	i-C71M150L-M	84	•	•		•						•
50	150	i-C71M150X-M	84	•	•								•
50	150	i-D33P150B1L5-M	58			•				•			
50	150	i-D33P150B1L2-M	58			•				•			
50	150	i-D33P150B1X5-M	58			•				•			
50	150	i-D33P150B1X2-M	58			•				•			
50	150	i-D33XW150B1L5EU-M	57	•	•					•			
50	150	i-D33XW150B1L2EU-M	57	•	•				•	•			
50	150	i-D33XW150B1X5EU-M	57	•	•				•	•			
50	150	i-D33XW150B1X2EU-M	57	•	•					•			
50	150	i-D33XW150C1L5EU-M	56	•	•								
50	150	i-D33XW150C1L7EU-M	56	•	•								
50	150	i-D33XW150C1X5EU-M	56	•	•				•	•			
50	150	i-D33XW150C1X7EU-M	56	•	•				•	•			
50	150	D52P150RQDX5-M	54	•	•					•			
50	150	D52P150RQDX2-M	52	•	•					•			
50	150	D52P150RQDV3-M	52	•	•					•			
50	150	D52P150RTDV3-M	52	•	•					•			
50	150	D52XW150RQDX2-M	51	•	•				•	•			
50	150	D52XW150RQDV3-M	51	•	•					•			
50	150	D52XW150RTDV3-M	51	•	•								
50	150	D52XW150WQDX5-M	53	•	•					•			
50	150	D52XW150WQDX7-M	50	•	•					•			
50	150	D52XW150WQDV8-M	50	•	•					•			
50	150	D52XW150WQX5-M	53	•	•					•			
50	150	D52XW150WQX7-M	49	•	•					•			
50	150	D52XW150WQV8-M	49	•	•					•			
50	150	i-D61PW150K1L5-M	47	•	•						•		
50	150	i-D61PW150K1L7-M	46	•	•				•				
50	150	i-D61XWE150K1L7-M	45	•	•			•		•		•	
50	300	D24PE300FX	60			•	•			•			
50	300	D24PE300FV	60			•	•			•			
50	300	DF52P300F1S	38			•				•	•	•	•
50	300	i-D33P300B1X5	58			•				•			
50	300	i-D33P300B1X2	58			•				•			
50	300	i-D33P300B1V3	58			•				•			
50	300	i-D33XW300B1X5-EU	57			•			•	•			
50	300	i-D33XW300B1X2-EU	57			•				•			
50	300	i-D33XW300B1V3-EU	57			•				•			
50	300	i-D33XW300C1X5-EU	56			•				•			
50	300	i-D33XW300C1X7-EU	56			•				•			
50	300	DF52P300F1R	38			•				•		•	•
50	300	DF52XW300G1S-EU	37			•			•	•			
50	300	DF52XW300G1R-EU	37			•			•	•			
50	600	D52P600RTDV3	52			•	•	•	•	•			•
50	600	D52XW600RTDV3-EU	51			•	•	•	•	•			•
50	600	D52XW600WTDV8-EU	50			•	•	•	•	•			•
100	200	i-C31M200R EU	86								•		
100	200	i-C31M200L EU	86									•	
100	200	i-C52M200L EU	85									•	
100	200	i-C52M200X EU	85									•	
100	300	D24PE600FV	60			•	•			•			
100	300	i-D33P300B1X5-M	58	•	•		•	•		•			
100	300	i-D33P300B1X2-M	58	•	•		•	•		•			
100	300	i-D33P300B1V3-M	58	•	•		•	•		•			
100	300	i-D33XW300B1X5EU-M	57	•	•				•	•			
100	300	i-D33XW300B1X2EU-M	57	•	•				•	•			
100	300	i-D33XW300B1V3EU-M	57	•	•				•	•			
100	300	i-D33XW300C1X5EU-M	56	•	•				•	•			
100	300	i-D33XW300C1X7EU-M	56	•	•				•	•			
100	300	D52P300RQDV3-M	52	•	•				•	•			•
100	300	D52P300RTDV3-M	52	•	•				•	•			•
100	300	D52XW300RQDV3-M	51	•	•				•	•			•
100	300	D52XW300RTDV3-M	51	•	•				•	•			•
100	300	D52XW300WQDV8-M	50	•	•				•	•			•
100	300	D52XW300WTDV8-M	50	•	•				•	•			•
100	300	DF52P300F1S-M	38	•	•					•			
100	300	DF52P300F1R-M	38	•	•					•			
100	300	DF52XW300G1S-M	37	•	•				•	•			
100	300	DF52XW300G1R-M	37	•	•				•	•			
100	600	i-D33P600B1V3	58			•				•			
100	600	DF52P600F1S	38			•				•	•		
100	600	DF52P600F1R	38			•				•			
100	600	DF52P600F1LX	38			•				•			
100	600	DF52P600F1X	38			•				•			
100	600	DF52XW600G1S-EU	37			•			•	•			
100	600	DF52XW600G1R-EU	37			•			•	•			
100	600	DF52XW600G1LX-EU	37			•			•	•			
100	600	DF52XW600G1X-EU	37			•			•	•			
100	600	DFP52P600J1	43			•				•			
100	600	DFP52XW600K1-EU	43			•			•	•			
200	600	i-D33P600B1V3-M	58	•	•					•			
200	500	DF52P1500F1XV	38			•				•			
200	600	i-D33XW600B1V3-EU	57			•			•	•			
200	600	D52P600RTDV3-M	52	•	•					•			
200	600	D52XW600RTDV3-M	51	•	•				•	•			
200	600	D52XW600WTDV8-M	50	•	•				•	•			
200	600	i-DF33P600B1R	40			•					•		
200	600	i-DF33P600B1R-M	40	•	•					•			
200	600	i-DF33XW600C1R-FUJ	39			•			•	•			

Industrial scales

Readability [d]	Capacity max (kg)	Model	Page	M* EC type approval	Internal Adjustment	Counting	RS232 Interface	USB Interface	IP 65 / 68	Rechargeable battery	Battery operation	Bluetooth / Wi-Fi	Ethernet
200	600	I-DF33XW600C1R-EU-M	39	•		•	•	•	•	•		•	•
200	600	DF52P600F1S-M	38	•		•	•	•		•		•	•
200	600	DF52P600F1R-M	38	•		•	•	•		•		•	•
200	600	DF52P600F1LX-M	38	•		•	•	•		•		•	•
200	600	DF52P600F1X-M	38	•		•	•	•		•		•	•
200	600	DF52XW600G1S-M	37	•		•	•	•	•	•		•	•
200	600	DF52XW600G1R-M	37	•		•	•	•	•	•		•	•
200	600	DF52XW600G1LX-M	37	•		•	•	•	•	•		•	•
200	600	DF52XW600G1X-M	37	•		•	•	•	•	•		•	•
200	600	DFP52P600J1-M	43	•		•	•	•		•		•	•
200	600	DFP52XW600K1-M	43	•		•	•	•	•	•		•	•
200	1500	DF52P1500F1R	38			•	•	•		•		•	•
200	1500	DF52P1500F1LX	38			•	•	•		•		•	•
200	1500	DF52P1500F1X	38			•	•	•		•		•	•
200	1500	DF52XW1500G1R-EU	37			•	•	•	•	•		•	•
200	1500	DF52XW1500G1LX-EU	37			•	•	•	•	•		•	•
200	1500	DF52XW1500G1X-EU	37			•	•	•	•	•		•	•
200	1500	DFP52P1500J1	43			•	•	•		•		•	•
200	1500	DFP52XW1500K1-EU	43			•	•	•	•	•		•	•
500	1500	DF32M1500B5	41			•	•	•					
500	1500	DF32M1500BR	41			•	•	•					
500	1500	DF32M1500BL	41			•	•	•					
500	1500	DF32M1500BX	41			•	•	•					
500	1500	DF32M1500BLX	41			•	•	•					
500	1500	I-DF33P1500B1R	40			•	•	•		•		•	•
500	1500	I-DF33P1500B1L	40			•	•	•		•		•	•
500	1500	I-DF33P1500B1X	40			•	•	•		•		•	•
500	1500	I-DF33P1500B1R-M	40	•		•	•	•		•		•	•
500	1500	I-DF33P1500B1L-M	40	•		•	•	•		•		•	•
500	1500	I-DF33P1500B1X-M	40	•		•	•	•		•		•	•
500	1500	I-DF33XW1500C1R-EU	39			•	•	•	•	•		•	•
500	1500	I-DF33XW1500C1L-EU	39			•	•	•	•	•		•	•
500	1500	I-DF33XW1500C1X-EU	39			•	•	•	•	•		•	•
500	1500	I-DF33XW1500C1R-EU-M	39	•		•	•	•	•	•		•	•
500	1500	I-DF33XW1500C1L-EU-M	39	•		•	•	•	•	•		•	•
500	1500	I-DF33XW1500C1X-EU-M	39	•		•	•	•	•	•		•	•
500	1500	I-DFP33P1500B1	44			•	•	•		•		•	•
500	1500	I-DFP33P1500B1-M	44	•		•	•	•		•		•	•
500	1500	I-DFP33XW1500C1-EU	44			•	•	•	•	•		•	•
500	1500	I-DFP33XW1500C1-EU-M	44	•		•	•	•	•	•		•	•

Readability [d]	Capacity max (kg)	Model	Page	M* EC type approval	Internal Adjustment	Counting	RS232 Interface	USB Interface	IP 65 / 68	Rechargeable battery	Battery operation	Bluetooth / Wi-Fi	Ethernet
500	1500	DF52P1500F1R-M	38	•		•	•	•		•		•	•
500	1500	DF52P1500F1LX-M	38	•		•	•	•		•		•	•
500	1500	DF52P1500F1X-M	38	•		•	•	•		•		•	•
500	1500	DF52P1500F1XV-M	38	•		•	•	•		•		•	•
500	1500	DF52XW1500G1R-M	37	•		•	•	•	•	•		•	•
500	1500	DF52XW1500G1LX-M	37	•		•	•	•	•	•		•	•
500	1500	DF52XW1500G1X-M	37	•		•	•	•	•	•		•	•
500	1500	DFP52P1500J1-M	43	•		•	•	•		•		•	•
500	1500	DFP52XW1500K1-M	43	•		•	•	•	•	•		•	•
500	3000	DF52P3000F1LX	38			•	•	•		•		•	•
500	3000	DF52P3000F1XV	38			•	•	•		•		•	•
500	3000	DF52XW3000G1LX-EU	37			•	•	•	•	•		•	•
500	3000	DF52XW3000G1X-EU	37			•	•	•		•		•	•
1000	3000	DF32M3000BL	41			•	•	•					
1000	3000	DF32M3000BX	41			•	•	•					
1000	3000	DF32M3000BLX	41			•	•	•					
1000	3000	I-DF33P3000B1L	40			•	•	•		•		•	•
1000	3000	I-DF33P3000B1X	40			•	•	•		•		•	•
1000	3000	I-DF33P3000B1L-M	40	•		•	•	•		•		•	•
1000	3000	I-DF33P3000B1X-M	40	•		•	•	•		•		•	•
1000	3000	I-DF33XW3000C1L-EU	39			•	•	•	•	•		•	•
1000	3000	I-DF33XW3000C1X-EU	39			•	•	•		•		•	•
1000	3000	I-DF33XW3000C1L-EU-M	39	•		•	•	•	•	•		•	•
1000	3000	I-DF33XW3000C1X-EU-M	39	•		•	•	•	•	•		•	•
1000	3000	DF52P3000F1LX-M	38	•		•	•	•		•		•	•
1000	3000	DF52P3000F1X-M	38	•		•	•	•		•		•	•
1000	3000	DF52P3000F1XV-M	38	•		•	•	•		•		•	•
1000	3000	DF52XW3000G1LX-M	37	•		•	•	•	•	•		•	•
1000	3000	DF52XW3000G1X-M	37	•		•	•	•	•	•		•	•

Semi-Micro, Analytical, Precision and Portable Precision balances

Readability [d]	Capacity max (g)	Model	Page	Internal Adjustment	ExCal	M* EC type approval	RS232 Interface	USB Interface	PCS	%	Battery operation**
0.01mg	52	PX125D	13	•			•		•		
0.01mg	52	PX125DM	13	•		•	•		•		
0.01mg	52	EX125D	11	•			•		•		
0.01mg	52	EX125DM	11	•			•		•		
0.01mg	82	AX85	12	•			•		•		
0.01mg	82	AX85M	12	•		•	•		•		
0.01mg/0.01mg	82/120	AX125D	12	•			•		•		
0.01mg/0.01mg	82/120	AX125DM	12	•			•		•		
0.01mg/0.01mg	102/220	AX225D	12	•			•		•		
0.01mg/0.01mg	102/220	AX25DM	12	•		•	•		•		
0.01mg	82	PX85	13	•			•		•		
0.01mg	82	PX85M	13	•		•	•		•		
0.01mg	82	PX225D	13	•			•		•		
0.01mg	82	PX225DM	13	•			•		•		
0.01mg	120	EX125	11	•			•		•		
0.01mg	120	EX125M	11	•		•	•		•		
0.01mg	120	EX225D	11	•			•		•		
0.01mg	120	EX225DM	11	•		•	•		•		
0.01mg	120	EX225D/AD	11	•			•		•		
0.01mg	120	EX225DM/AD	11	•		•	•		•		
0.01mg	220	EX225/AD	11	•			•		•		
0.01mg	220	EX225M/AD	11	•		•	•		•		
0.1mg	120	PX125D	13	•			•		•		
0.1mg	120	PX125DM	13	•			•		•		
0.1mg	120	PR124/E	18	•	•		•		•		
0.1mg	120	PR124	18	•			•		•		
0.1mg	120	PR124M	18	•			•		•		
0.1mg	120	PX124/E	17	•	•		•		•		
0.1mg	120	PX124	17	•			•		•		
0.1mg	120	PX124M	17	•		•	•		•		
0.1mg	120	AX124/E	16	•	•		•		•		
0.1mg	120	AX124	16	•			•		•		
0.1mg	120	AX124M	16	•		•	•		•		
0.1mg	120	EX124	16	•			•		•		
0.1mg	120	EX124/AD	15	•			•		•		
0.1mg	120	EX125D	11	•		•	•		•		
0.1mg	120	EX125DM	11	•		•	•		•		
0.1mg	220	PR224/E	18	•	•		•		•		
0.1mg	220	PR224	18	•			•		•		
0.1mg	220	PR224M	18	•			•		•		
0.1mg	220	PX224/E	17	•	•		•		•		
0.1mg	220	PX224	17	•			•		•		
0.1mg	220	PX224M	17	•		•	•		•		
0.1mg	220	PX225D	13	•			•		•		
0.1mg	220	PX225DM	13	•			•		•		
0.1mg	220	AX224/E	16	•	•		•		•		
0.1mg	220	AX224	16	•			•		•		
0.1mg	220	AX224M	16	•		•	•		•		
0.1mg	220	EX224	15	•			•		•		
0.1mg	220	EX224/AD	15	•		•	•		•		
0.1mg	220	EX224M/AD	15	•		•	•		•		
0.1mg	220	EX225D	11	•			•		•		
0.1mg	220	EX225DM	11	•		•	•		•		
0.1mg	220	EX225D/AD	11	•			•		•		
0.1mg	220	EX225DM/AD	11	•		•	•		•		
0.1mg	320	AX324	16	•		•	•		•		
0.1mg	320	AX324M	16	•		•	•		•		
0.1mg	320	EX324	15	•			•		•		
0.1mg	320	EX324/AD	15	•		•	•		•		
0.1mg	320	EX324M/AD	15	•		•	•		•		
0.1mg	320	EX324M/AD	15	•		•	•		•		
1mg	120	NV123	27	•			•		•	•	
1mg	120	SKX123	26	•			•		•	•	
1mg	120	STX123	25	•			•		•	•	
1mg	220	STX223	25	•			•		•	•	
1mg	220	NV223	27	•			•		•	•	
1mg	220	PR223/E	23	•	•		•		•	•	
1mg	220	PR223	23	•			•		•	•	
1mg	220	PR223M	23	•			•		•	•	
1mg	220	NV323	27	•	•		•		•	•	
1mg	320	PX323/E	22	•			•		•	•	
1mg	320	PX323	22	•			•		•	•	
1mg	320	PX323M	22	•		•	•		•	•	
1mg	220	AX223/E	21	•	•		•		•	•	
1mg	220	AX223	21	•			•		•	•	
1mg	220	AX223M	21	•		•	•		•	•	
1mg	220	EX223/E	20	•	•		•		•	•	
1mg	220	EX223	20	•			•		•	•	
1mg	420	PR423/E	23	•	•		•		•	•	
1mg	420	PR423	23	•			•		•	•	
1mg	420	PR423M	23	•			•		•	•	
1mg	420	AX423/E	21	•	•		•		•	•	
1mg	420	AX423	21	•			•		•	•	
1mg	420	AX423M	21	•		•	•		•	•	
1mg	420	EX423/E	20	•	•		•		•	•	
1mg	420	EX423	20	•			•		•	•	
1mg	420	EX423M	20	•		•	•		•	•	
1mg	520	PR523/E	23	•	•		•		•	•	
1mg	520	PR523	23	•			•		•	•	
1mg	520	PR523M	23	•			•		•	•	
1mg	620	AX623/E	21	•	•		•		•	•	
1mg	620	AX623	21	•			•		•	•	
1mg	620	AX623M	21	•		•	•		•	•	
1mg	620	PX623/E	22	•	•		•		•	•	
1mg	620	PX623	22	•			•		•	•	
1mg	620	PX623M	22	•		•	•		•	•	
1mg	620	EX623	20	•			•		•	•	
1mg	1100	EX1103	20	•			•		•	•	
1mg	1100	EX1103M	20	•			•		•	•	
0.01g	100	YA102	29	•			•		•	•	
0.01g	220	NV222	27	•			•		•	•	
0.01g	220	SKX222	26	•			•		•	•	
0.01g	220	STX222	25	•			•		•	•	
0.01g	420	NV422	27	•			•		•	•	
0.01g	420	SKX422	26	•			•		•	•	
0.01g	420	STX422	25	•			•		•	•	
0.01g	420	AX422/E	21	•	•		•		•	•	
0.01g	420	AX422	21	•			•		•	•	
0.01g	620	NV622	27	•			•		•	•	
0.01g	620	SKX622	26	•			•		•	•	
0.01g	620	STX622	25	•			•		•	•	
0.01g	820	AX822/E	21	•	•		•		•	•	
0.01g	820	AX822	21	•			•		•	•	
0.01g	1200	NV1202	27	•			•		•	•	
0.01g	1200	SKX1202	26	•			•		•	•	
0.01g	1200	STX1202	25	•			•		•	•	
0.01g	1520	AX1502/E	21	•			•		•	•	
0.01g	1520	AX1502	21	•			•		•	•	

Readability [d]	Capacity max (g)	Model	Page	Internal Adjustment	ExCal	M* EC type approval	RS232 Interface	USB Interface	PCS	%	Battery operation**
0.01g	1520	AX1502M	21	•		•	•	•	•	•	
0.01g	1600	PR1602/E	23		•		•		•	•	
0.01g	1600	PR1602	23	•					•	•	
0.01g	1600	PR1602M	23	•					•	•	
0.01g	2200	NV2202	27				•	•	•	•	•
0.01g	2200	SKX2202	26				•	•	•	•	•
0.01g	2200	STX2202	25				•		•	•	
0.01g	2200	PR2202/E	23				•		•	•	
0.01g	2200	PR2202	23	•	•		•		•	•	
0.01g	2200	PR2202M	23	•			•		•	•	
0.01g	2200	AX2202/E	21	•	•		•		•	•	
0.01g	2200	AX2202	21	•			•	•	•	•	
0.01g	2200	AX2202M	21	•		•	•		•	•	
0.01g	2200	EX2202/E	20	•	•		•		•	•	
0.01g	2200	EX2202	20	•			•		•	•	
0.01g	3200	NV3202	27		•		•	•	•	•	•
0.01g	3200	PX3202/E	22				•	•	•	•	
0.01g	3200	PX3202	22	•			•		•	•	
0.01g	3200	PX3202M	22	•		•	•		•	•	
0.01g	4200	PR4202/E	23		•		•		•	•	
0.01g	4200	PR4202	23	•	•		•		•	•	
0.01g	4200	PR4202M	23				•		•	•	
0.01g	4200	AX4202/E	21	•	•		•	•	•	•	
0.01g	4200	AX4202	21	•			•		•	•	
0.01g	4200	AX4202M	21	•		•	•		•	•	
0.01g	4200	EX4202/E	20	•	•		•		•	•	
0.01g	4200	EX4202	20	•			•		•	•	
0.01g	4200	EX4202M	20	•		•	•		•	•	
0.01g	6200	AX6202	21	•			•		•	•	
0.01g	6200	AX6202M	21	•		•	•		•	•	
0.01g	6200	AX6202/E	21	•	•		•		•	•	
0.01g	6200	PX6202/E	22	•	•		•		•	•	
0.01g	6200	PX6202	22	•			•		•	•	
0.01g	6200	PX6202M	22	•		•	•		•	•	
0.01g	6200	EX6202/E	20	•			•		•	•	
0.01g	6200	EX6202	20	•			•		•	•	
0.01g	10200	EX10202	20	•			•		•	•	
0.01g	10200	EX10202M	20	•		•	•		•	•	
0.05g	300	YA302	29		•						•
0.1g	220	CR221	28		•						•
0.1g	220	CX221	28		•						•
0.1g	220	NV221	27		•		•		•	•	•
0.1g	420	SKX421	26		•		•	•	•	•	•
0.1g	420	STX421	25		•		•	•	•	•	•
0.1g	500	YA501	29		•				•	•	•
0.1g	620	CR621	28		•				•	•	•
0.1g	620	CX621	28		•				•	•	•
0.1g	620	NV621	27		•		•		•	•	•
0.1g	620	SKX621	26		•		•	•	•	•	•
0.1g	620	STX621	25		•		•	•	•	•	•
0.1g	1200	CX1201	28		•		•		•	•	•
0.1g	1200	NV1201	27		•		•	•	•	•	•
0.1g	2200	NV2201	27		•		•		•	•	•
0.1g	2200	NVT2201	27		•		•	•	•	•	•
0.1g	2200	SKX2201	26		•		•	•	•	•	•
0.1g	2200	STX2201	25		•		•	•	•	•	•
0.1g	2200	AX2201/E	21		•		•		•	•	•
0.1g	2200	AX2201	21	•			•		•	•	•
0.1g	4200	NVT4201	27		•		•	•	•	•	•
0.1g	4200	PR4201/E	23		•		•		•	•	•
0.1g	4200	PR4201	23	•			•		•	•	•
0.1g	4200	PR4201M	23	•			•		•	•	•
0.1g	4200	PX4201/E	22		•		•		•	•	•
0.1g	4200	PX4201	22	•			•	•	•	•	•
0.1g	4200	PX4201M	22	•		•	•		•	•	•
0.1g	4200	AX4201/E	21		•		•		•	•	•
0.1g	4200	AX4201	21	•			•		•	•	•
0.1g	6200	NVT6201	27		•		•	•	•	•	•
0.1g	6200	SKX6201	26		•		•	•	•	•	•
0.1g	6200	STX6201	25		•		•	•	•	•	•
0.1g	6200	PR6201/E	23		•		•		•	•	•
0.1g	6200	PR6201	23	•			•		•	•	•
0.1g	6200	PR6201M	23	•		•	•		•	•	•
0.1g	6200	EX6201/E	20	•			•		•	•	•
0.1g	6200	EX6201	20	•		•	•		•	•	•
0.1g	8200	AX8201/E	21		•		•		•	•	•
0.1g	8200	AX8201	21	•			•		•	•	•
0.1g	8200	AX8201M	21	•		•	•		•	•	•
0.1g	12000	AX12001	21	•			•		•	•	•
0.1g	12000	AX12001M	21	•		•	•		•	•	•
0.1g	12000	AX12001/E	21	•	•		•		•	•	•
0.1g	12000	PX12001	22	•			•		•	•	•
0.1g	12000	PX12001/E	22	•	•		•		•	•	•
0.1g	10200	NVT10201	27		•		•	•	•	•	•
0.1g	10200	EX10201	20		•		•		•	•	•
0.1g	10200	EX10201M	20	•		•	•		•	•	•
0.1g	12000	EX12001	20	•			•		•	•	•
0.1g	12000	EX12001M	20	•		•	•		•	•	•
0.1g	24000	EX24001	20	•			•		•	•	•
0.1g	24000	EX24001M	20	•		•	•		•	•	•
0.1g	35000	EX35001	20	•			•		•	•	•
0.1g	35000	EX35001M	20	•		•	•		•	•	•
0.5g	1600	NVT1601M	27				•	•	•	•	•
1g	2200	CR2200	28		•				•	•	•
1g	2200	CX2200	28		•				•	•	•
1g	2200	NVT2200	27		•		•		•	•	•
1g	3200	NVT3200M	27		•		•	•	•	•	•
1g	5200	CR5200	28		•				•	•	•
1g	5200	CX5200	28		•				•	•	•
1g	6200	NVT6200	27		•		•		•	•	•
1g	8200	SKX8200	26		•		•	•	•	•	•
1g	8200	STX8200	25		•		•	•	•	•	•
1g	12000	NVT12000	27		•		•	•	•	•	•
1g	12000	NVT122000	27		•		•	•	•	•	•
2g	6400	NVT6400M	27		•		•	•	•	•	•
5g	16000	NVT16000M	27		•		•	•	•	•	•

Do more with OHAUS



EXPLORER™ Semi-Micro

Built for sophisticated, professional weighing



Application

Weighing, percent weighing, parts counting, check weighing, dynamic/animal weighing, filling, totalization, formulation, fill weight variation, differential weighing, density determination, peak hold, pipette adjustment, SQC

Display

Full-colour VGA graphic display (diagonal 5.7"/145mm), detachable, 4-wire resistive touch screen. QWERTY keyboard and numeric keypad to quickly input GLP and GMP data and other application data

Operation

AC Adapter (included)

Communication

Easy access communication ports including 2 units of USB port, RS232 and an optional 4th Ethernet port, GLP/GMP data output with real time clock, Direct Data Transfer, print to USB drive

Construction

Metal base, ABS top housing, stainless steel pan, anti-static glass draftshield with flip-top door, replaceable in-use cover, automatic doors on specific models

Design Features

AutoCal™ fully-automatic internal adjustment system equipped with 2 internal adjustment weights, routine test and minimum weight determination, fast stabilization time, four touchless sensors, built-in ionizer with automatic doors models, up to 14 operating languages, approved models available, save to USB function, menu lock switch, security bracket, integral weigh below hook for below balance weighing applications, removable stainless steel weighing platform, stability indicator, overload and underload indicators, auto standby



Explorer's weighing cells precision-machined from a solid metal block, together with AutoCal™ provides exceptional accuracy and durability suitable for laboratory and industrial environments.

Features such as four-level user management with password protection, and un-editable system log plus a high level of configurability make Explorer balances well suited for regulated applications.

A detachable terminal with a large colour touchscreen, programmable IR sensors, optional built-in ionizer & automatic doors, and a frameless draftshield make Explorer balances easy & convenient to use.

Model	EC Type Approved	Auto Door	Ionizer	Capacity	Readability (d)	(e)	Platform	Cal. weight, class	Item N°
EX125D				52g/120g	0,01mg/ 0,1mg		Ø 80mm	100g, E2	30218998
EX125				120g	0,01mg		Ø 80mm	100g, E2	30218999
EX225D				120g/220g	0,01mg/ 0,1mg		Ø 80mm	200g, E2	30219000
EX225D/AD		•	•	120g/220g	0,01mg/ 0,1mg		Ø 80mm	200g, E2	30219001
EX225/AD		•	•	220g	0,01mg		Ø 80mm	200g, E2	30219002
EX125DM	•			52g/120g	0,01mg/ 0,1mg	1mg	Ø 80mm	100g, E2	30139515
EX125M	•			120g	0,01mg	1mg	Ø 80mm	100g, E2	30139516
EX225DM	•			120g/220g	0,01mg/ 0,1mg	1mg	Ø 80mm	200g, E2	30139517
EX225DM/AD	•	•	•	120g/220g	0,01mg/ 0,1mg	1mg	Ø 80mm	200g, E2	30139518
EX225M/AD	•	•	•	220g	0,01mg	1mg	Ø 80mm	200g, E2	30139519

ADVENTURER™ Semi-Micro

Intuitive Balances Designed for Routine Weighing



OPTION

OPTION

EASY OPERATION & TIME SAVING **NEW**

Application

Weighing (17 units + custom unit), parts counting, percentage weighing, check weighing, animal/dynamic weighing, totalization/statistics, formulation, density determination, display hold, batch printing

Display

4.3" (109 mm) Full-colour VGA graphic touchscreen with user-controlled brightness, 6 mechanical buttons

Operation

AC adapter (included)

Communication

RS232, USB Host, USB Device (included), GLP/GMP compliant data output with real-time clock

Construction

Metal base, ABS top housing, stainless steel pan, glass draftshield with two piece top mounted side doors and sliding top door (1mg models only), illuminated up-front level indicator, integral weigh below hook, security bracket, adjustment lock, full housing replaceable in-use cover

Design Features

Selectable environmental filters, auto tare, user-selectable span adjustment points, software lockout and reset menu, user-selectable communication settings and data print options, user definable project and user IDs, up to 9 operating languages



Adventurer balances feature a color touchscreen, icon-based user interface, and an ergonomic design – making them easy to configure and use.

Features such as specialized weighing modes, multiple connectivity options, and AutoCal™ provide versatility and flexibility for a variety of applications.

Durable construction, large weighing surfaces, a space-saving draftshield design, and full housing in-use cover allow for use in lab, education and industrial environments.

Model	EC Type Approved	Capacity	Readability (d)	(e)	Platform	Cal. weight, class	Item N°
AX85		82g	0,01mg		Ø 80mm	50g, E2	30852308
AX125D		82/120g	0,01mg/ 0,1mg		Ø 80mm	100g, E2	30852307
AX225D		102/220g	0,01mg/ 0,1mg		Ø 80mm	200g, E2	30852309
AX85M	•	85g	0,01mg	1mg	Ø 80mm	50g, E2	30852311
AX125DM	•	82/120g	0,01mg/ 0,1mg	1mg	Ø 80mm	100g, E2	30852310
AX225DM	•	102/220g	0,01mg/ 0,1mg	1mg	Ø 80mm	200g, E2	30852312

PIONEER™ Semi-Micro

Combining Economy and High Performance for Essential Weighing



OPTION

\$ ECONOMY & ACCURACY

Application

Basic weighing, parts counting, percent weighing, animal weighing, density determination, formulation

Display

Backlit Liquid Crystal Display (LCD); Second line display for additional information or guidance (dot matrix)

Operation

AC adapter (included)

Communication

RS232 and USB device (included); GLP/GMP data output with real-time clock

Construction

Metal base, ABS top housing, removable stainless steel pan, glass draftshield, integrated weigh-below-hook, security bracket, calibration lock and replaceable in-use cover

Design Features

User-selectable environmental filters and brightness settings, auto-tare, auto-dim, user-selectable span calibration points, software lockout and reset menu, user-selectable communication settings and data print options, user-definable project and user IDs, software overload/underload indicator, stability indicator, four operating languages



The PX offers high accuracy and repeatability for essential weighing applications in laboratory, industrial and education settings at an economical price point.

Featuring a cast metal lower housing, sub-pan and stainless steel weighing pan, the PX is durably constructed for versatile, long-term use.

Pioneer features a second line display for additional information or guidance, a static removal bar for convenient grounding, and USB connectivity.

Model	EC Type Approved	AutoCal™	Capacity	Readability (d)	(e)	Platform	Cal. weight, class	Item N°
PX125D		•	52g/120g	0,01mg/0,1mg		Ø 80mm	100g, E2	30478196
PX85		•	82g	0,01mg		Ø 80mm	50g+20g, E2	30485340
PX225D		•	82g/220g	0,01mg/0,1mg		Ø 80mm	200g, E2	30478197
PX125DM	•	•	52g/120g	0,01mg/0,1mg	1mg	Ø 80mm	100g, E2	30480168
PX85M	•	•	82g	0,01mg	1mg	Ø 80mm	50g+20g, E2	30485341
PX225DM	•	•	82g/220g	0,01mg/0,1mg	1mg	Ø 80mm	200g, E2	30480169

Accessories for Semi-Micro Balances

Accessories	Explorer™ Semi-Micro	Adventurer™ Semi-Micro	Pioneer™ Semi-Micro	Item N°
Density determination kit	•	•	•	80253384
Sinker Glass for Density kit	•	•	•	83034024
ION-100A EU stand-alone ionizer	•	•	•	30095929
Grid pan	•			30298582
Pipette adjustment kit	•			30252145
Ethernet interface	•			83021082
Interface Kit, RS232-USB	•	•	•	30304101
Cable, USB A to Mini USB, Black	•	•		28120263
In-Use Cover for EX	•			83033633
In-Use Cover for AX		•		30111792
In-Use Cover for PX			•	30372546
Dust Cover for EX	•			30093334
Anti-theft device (Models over 8 kg)	•	•	•	80850000
Terminal extension cable 3m	•			83021083
Terminal extension cable 9m	•			30078078
SF40A impact printer	•	•	•	30064202
Auxiliary display, AD7-RS	•	•	•	30472064
Anti theft device	•	•	•	80850043



DENSITY DETERMINATION KIT
80253384



SINKER GLASS FOR DENSITY KIT
83034024



ION-100A EU STANDALONE IONIZER
30095929



GRID PAN
30298582



PIPETTE ADJUSTMENT KIT
30252145



ETHERNET INTERFACE
83021082



INTERFACE KIT, RS232-USB
30304101



IN-USE COVER
30372546



IN-USE COVER
83033633



DUST COVER
30093334



ANTI THEFT DEVICE
80850000



TERMINAL EXTENSION CABLE 3M
83021083



TERMINAL EXTENSION CABLE 9M
30078078



SF40A IMPACT PRINTER
30064202



AUXILIARY DISPLAY, AD7-RS
30472064

EXPLORER™ Analytical

Highest performance, most technically advanced balance from OHAUS available also with auto door feature

Application

Weighing (17 units + custom units), parts counting, percentage weighing, animal/dynamic weighing, check weighing, filling, totalization, formulation, differential weighing, density determination, peak hold, ingredient costing, pipette adjustment, fill weight variation, gross/net/tare weighing

Display

Full-colour VGA graphic display (diagonal 5.7"/145mm), detachable, 4-wire resistive touch screen. QWERTY keyboard and numeric keypad to quickly input GLP and GMP data and other application data

Operation

AC adapter (included)

Communication

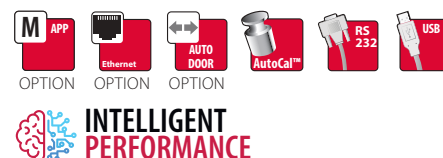
Easy access communication ports including 2 units of USB port, RS232 and an optional 4th Ethernet port, GLP and GMP including date and time, Direct Data Transfer, print to USB drive

Construction

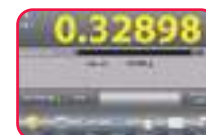
Metal base, ABS top housing, stainless steel pan, anti-static glass draftshield with flip-top door, replaceable in-use cover, automatic door on specific models

Design Features

3-doors frameless draftshield with removable panels with optional automatic draftshield door, modular display design with adjustable viewing angle (attach to base, wall or optional tower), AutoCal™ automatic internal Adjustment, level assist feature with illuminated level indicator, selectable environmental and auto-print settings, integral weigh below hook, protective in-use cover, software lock switch



INTELLIGENT PERFORMANCE



Equipped with a weighing cell that's precision-machined from a solid metal block, Explorer balances are extremely accurate and durable, and are ideal for laboratory and industrial environments.

Features such as four-level user management with password protection, and un-editable system log plus a high level of configurability make Explorer balances well suited for regulated applications.

A detachable terminal with a large colour touchscreen, programmable IR sensors, automatic doors, and a frameless draftshield make Explorer analytical balances easy and convenient to use.

Model	EC Type Approved	Auto Door	Capacity	Readability (d)	(e)	Platform	Cal. weight, class	Item N°
EX124			120g	0.1mg		Ø 90mm	100g, E2	83021331
EX224			220g	0.1mg		Ø 90mm	200g, E2	83021332
EX324			320g	0.1mg		Ø 90mm	300g, E2	83021335
EX124/AD		•	120g	0.1mg		Ø 90mm	100g, E2	30061976
EX224/AD		•	220g	0.1mg		Ø 90mm	200g, E2	30061977
EX324/AD		•	320g	0.1mg		Ø 90mm	300g, E2	30061978
EX224M	•		220g	0.1mg	1mg	Ø 90mm	200g, E2	83021333
EX224M/AD	•	•	220g	0.1mg	1mg	Ø 90mm	200g, E2	30061995
EX324M	•		320g	0.1mg	1mg	Ø 90mm	300g, E2	83021336
EX324M/AD	•	•	320g	0.1mg	1mg	Ø 90mm	300g, E2	30061996

ADVENTURER™ Analytical

Intuitive Balances Designed for Routine Weighing



**EASY OPERATION
& TIME SAVING**

Application

Weighing (17 units + custom unit), parts counting, percentage weighing, check weighing, animal/dynamic weighing, totalization/statistics, formulation, density determination, display hold, batch printing

Display

4.3" (109 mm) Full-colour VGA graphic touchscreen with user-controlled brightness, 6 mechanical buttons

Operation

AC adapter (included)

Communication

RS232, USB Host, USB Device (included), GLP/GMP compliant data output with real-time clock

Construction

Metal base, ABS top housing, stainless steel pan, glass draftshield with two piece top mounted side doors and sliding top door (1mg models only), illuminated up-front level indicator, integral weigh below hook, security bracket, adjustment lock, full housing replaceable in-use cover

Design Features

Selectable environmental filters, auto tare, user-selectable span adjustment points, software lockout and reset menu, user-selectable communication settings and data print options, user definable project and user IDs, up to 9 operating languages



Adventurer balances feature a color touchscreen, icon-based user interface, and an ergonomic design – making them easy to configure and use.

Features such as specialized weighing modes, multiple connectivity options, and AutoCal™ provide versatility and flexibility for a variety of applications.

Durable construction, large weighing surfaces, a space-saving draftshield design, and full housing in-use cover allow for use in lab, education and industrial environments.

Model	EC Type Approved	AutoCal™	Capacity	Readability (d)	(e)	Platform	Cal. weight, class	Item N°
AX124		•	120g	0.1mg		Ø 90mm	100g, E2	30122610
AX224		•	220g	0.1mg		Ø 90mm	200g, E2	30122611
AX324		•	320g	0.1mg		Ø 90mm	200g+100g, E2	30122613
AX124M	•	•	120g	0.1mg	1mg	Ø 90mm	100g, E2	30100620
AX224M	•	•	220g	0.1mg	1mg	Ø 90mm	200g, E2	30100621
AX324M	•	•	320g	0.1mg	1mg	Ø 90mm	200g+100g, E2	30100622
AX124/E			120g	0.1mg		Ø 90mm	100g, E2	30122657
AX224/E			220g	0.1mg		Ø 90mm	200g, E2	30122612

PIONEER™ Analytical

Combining Economy and High Performance for Essential Weighing



**\$ECONOMY
& ACCURACY**

Application

Basic weighing, parts counting, percent weighing, animal weighing, density determination, formulation

Display

Backlit Liquid Crystal Display (LCD); second line display for additional information or guidance (dot matrix)

Operation

AC adapter (included)

Communication

RS232 and USB device (included); GLP/GMP data output with real-time clock

Construction

Metal base, ABS top housing, removable stainless steel pan, glass draftshield, integrated weigh-below-hook, security bracket, calibration lock and replaceable in-use cover

Design Features

User-selectable environmental filters and brightness settings, auto-tare, auto-dim, user-selectable span calibration points, software lockout and reset menu, userselectable communication settings and data print options, user-definable project and user IDs, software overload/underload indicator, stability indicator, four operating languages



The PX offers high accuracy and repeatability for essential weighing applications in laboratory, industrial and education settings at an economical price point.

Featuring a cast metal lower housing, sub-pan and stainless steel weighing pan, the PX is durably constructed for versatile, long-term use.

Pioneer features a second line display for additional information or guidance, a static removal bar for convenient grounding, and USB connectivity.

Model	EC Type Approved	Internal Adjustment	Capacity	Readability (d)	(e)	Platform	Cal. weight, class	Item N°
PX124		•	120g	0,1mg		Ø 90mm	100g, E2	30429803
PX224		•	220g	0,1mg		Ø 90mm	200g, E2	30429804
PX124M	•	•	120g	0,1mg	1mg	Ø 90mm	100g, E2	30430010
PX224M	•	•	220g	0,1mg	1mg	Ø 90mm	200g, E2	30430013
PX124/E			120g	0,1mg		Ø 90mm	100g, E2	30429810
PX224/E			220g	0,1mg		Ø 90mm	200g, E2	30429811

PR SERIES Analytical

Designed for Routine Weighing Applications in Your Workplace

Application

Basic weighing, parts counting, percent weighing

Display

Backlit Liquid Crystal Display (LCD)

Operation

AC adapter (included)

Communication

RS232 (one port included)

Construction

ABS top housing, removable stainless steel pan, glass draftshield with sliding top door, integrated weigh-below-hook, security bracket, calibration lock, replaceable in-use cover

Design features

User-selectable environmental filters and brightness settings, auto-tare, auto-dim, user-selectable span calibration points, software lockout and reset menu, user-selectable communication settings and data print options, user-definable project and user IDs, software overload/underload indicator, stability indicator



**ROUTINE WEIGHING
FOR ANY BUDGET**



Basic Functionality for Routine Weighing Applications.

Designed for Uncomplicated Operation with Easy-to-Use Display and Interface.

Smart Design and Durable Construction.

Model	EC Type Approved	Internal Adjustment	Capacity	Readability (d)	(e)	Platform	Cal. weight, class	Item N°
PR124		•	120g	0,1mg		Ø 90mm	100g, E2	30430067
PR224		•	220g	0,1mg		Ø 90mm	200g, E2	30430069
PR124M	•	•	120g	0,1mg	1mg	Ø 90mm	100g, E2	30524384
PR224M	•	•	220g	0,1mg	1mg	Ø 90mm	200g, E2	30524385
PR124/E			120g	0,1mg		Ø 90mm	100g, E2	30430068
PR224/E			220g	0,1mg		Ø 90mm	200g, E2	30430070

Accessories for Analytical Balances

Accessories	Explorer™ Analytical	Adventurer™ Analytical	Pioneer™ Analytical	PR Series Analytical	Item N°
Density determination kit	•	•	•		80253384
Sinker Glass for Density kit	•	•	•		83034024
ION-100A EU stand-alone ionizer	•	•	•	•	30095929
In-Use Cover for EX	•				83033633
Full housing in use cover for 0.1mg and 1mg model for AX		•			30111792
In-Use Cover for PX			•		30372546
In-Use Cover for PR				•	30372547
Dust Cover for EX and AX (0.1mg)	•	•			30093334
Ethernet interface	•				83021082
Cable, USB A to Mini USB, Black	•				28120263
Interface Kit, RS232-USB	•	•	•	•	30304101
Cable, RS422, Extension, 3m	•				83021083
Cable, RS422, Extension, 9m	•				30078078
Auxiliary display, AD7-RS		•	•	•	30472064
Interface Cable, USB (Type A to B)		•			83021085
Anti theft device	•	•	•	•	80850043
SF40A impact printer	•	•	•	•	30064202
Carrying Case, EX	•				30251106
Carrying Case, AX		•			30251107
Carrying Case, PX			•		30477091



DENSITY DETERMINATION
80253384



SINKER GLASS FOR DENSITY KIT
83034024



ION-100A EU STANDALONE IONIZER
30095929



IN-USE COVER EX
83033633



DUST COVER
30093334



ETHERNET INTERFACE
83021082



ANTI-THEFT DEVICE
80850000



INTERFACE KIT, RS232-USB
30304101



CABLE, RS422, EXTENSION, 3M
83021083



CABLE, RS422, EXTENSION, 9M
30078078



AUXILIARY DISPLAY, AD7-RS
30472064



FULL HOUSING IN USE COVER AX
30111792



INTERFACE CABLE, USB (TYPE A TO B)
83021085



IN-USE COVER PX
30372546



IN-USE COVER PR
30372547



SF40A IMPACT PRINTER
ER 30064202

EXPLORER™ Precision

Intelligent Performance No Matter How Difficult the Task!



Application

Weighing (17 units + custom units), parts counting, percentage weighing, animal/dynamic weighing, check weighing, filling, totalization, formulation, differential weighing, density determination, peak hold, ingredient costing, pipette adjustment (except for Explorer High Capacity), gross/net/tare weighing

Display

High resolution 5.7" (145mm diagonal) full colour VGA touch display including QWERTY, detachable and numeric key pads plus weighing capacity indication

Operation

AC adapter (included) or rechargeable battery (High Capacity models only)

Communication

Easy access communication ports including 2 units of USB port, RS232 and an optional 4th Ethernet port, GLP and GMP including date and time, Direct Data Transfer, print to USB drive

Construction

Modular design, metal base, ABS top housing, stainless steel pan, glass draftshield with top mounted side doors and flip/sliding top door (1mg models only), illuminated up-front level indicator, integral weigh below hook, security bracket, Adjustment lock, four touchless sensors, full housing in-use cover

Design Features

Selectable environmental filters, auto tare, user-selectable span Adjustment points, software lockout and reset menu, user-selectable communication settings and data print options, user-definable project and user IDs, auto standby, up to 14 operating language



Equipped with a weighing cell that's precision-machined from a solid metal block, Explorer balances are extremely accurate and durable, and are ideal for laboratory and industrial environments.

Features such as four-level user management with password protection, and un-editable system log plus a high level of configurability make Explorer balances well suited for regulated applications.

A detachable terminal with a large colour touchscreen, programmable IR sensors, and a frameless draftshield make Explorer precision balances easy and convenient to use.

Model	EC Type Approved	AutoCal™	Capacity	Readability (d)	(e)	Platform	Cal. weight, class	Item N°
EX223		•	220g	1mg		Ø 130mm	200g, F1	83021341
EX423		•	420g	1mg		Ø 130mm	400g, F1	83021342
EX623		•	620g	1mg		Ø 130mm	500g, F1	83021348
EX1103		•	1100g	1mg		Ø 130mm	1000g, F1	83021350
EX2202		•	2200g	0.01g		190mm x 200mm	2000g, F1	83021356
EX4202		•	4200g	0.01g		190mm x 200mm	4000g, F1	83021357
EX6202		•	6200g	0.01g		190mm x 200mm	5000g, F1	83021360
EX10202		•	10200g	0.01g		190mm x 200mm	10000g, F1	83021362
EX6201		•	6200g	0.1g		190mm x 200mm	5000g, F1	83021361
EX10201		•	10200g	0.1g		190mm x 200mm	10000g, F1	83021365
EX423M	•	•	420g	1mg	0.01g	Ø 130mm	400g, F1	83021343
EX1103M	•	•	1100g	1mg	0.01g	Ø 130mm	1000g, F1	83021351
EX4202M	•	•	4200g	0.01g	0.1g	190mm x 200mm	4000g, F1	83021358
EX10202M	•	•	10200g	0.01g	0.1g	190mm x 200mm	10000g, F1	83021363
EX10201M	•	•	10200g	0.1g	0.1g	190mm x 200mm	10000g, F1	83021366
EX223/E			220g	1mg		Ø 130mm	200g, F1	30061979
EX423/E			420g	1mg		Ø 130mm	400g, F1	30061980
EX2202/E			2200g	0.01g		190mm x 200mm	2000g, F1	30061981
EX4202/E			4200g	0.01g		190mm x 200mm	4000g, F1	30061982
EX6202/E			6200g	0.01g		190mm x 200mm	5000g, F1	30061983
EX6201/E			6200g	0.1g		190mm x 200mm	5000g, F1	30061984
EX12001	•	•	12000g	0.1g		377mm x 311mm	10kg, F1	30078072
EX24001	•	•	24000g	0.1g		377mm x 311mm	20kg, F1	30078073
EX35001	•	•	35000g	0.1g		377mm x 311mm	10+20kg, F1	30078074
EX12001M	•	•	12000g	0.1g	1g	377mm x 311mm	10kg, F1	30057067
EX24001M	•	•	24000g	0.1g	1g	377mm x 311mm	20kg, F1	30057068
EX35001M	•	•	35000g	0.1g	1g	377mm x 311mm	10+20kg, F1	30057069

High Capacity

ADVENTURER™ Precision

Intuitive Balances Designed for Routine Weighing



**EASY OPERATION
& TIME SAVING**

Application

Weighing (17 units + custom unit), parts counting, percentage weighing, check weighing, animal/dynamic weighing, totalization/statistics, formulation, density determination, display hold, batch printing

Display

4.3" (109 mm) Full-colour VGA graphic touchscreen with user-controlled brightness, 6 mechanical buttons

Operation

AC adapter (included)

Communication

RS232, USB Host, USB Device (included), GLP/GMP compliant data output with real-time clock

Construction

Metal base, ABS top housing, stainless steel pan, glass draftshield with two piece top mounted side doors and sliding top door (1mg models only), illuminated up-front level indicator, integral weigh below hook, security bracket, adjustment lock, full housing replaceable in-use cover

Design Features

Selectable environmental filters, auto tare, user-selectable span adjustment points, software lockout and reset menu, user-selectable communication settings and data print options, user definable project and user IDs, up to 9 operating languages



Adventurer balances feature a color touchscreen, icon-based user interface, and an ergonomic design – making them easy to configure and use.

Features such as specialized weighing modes, multiple connectivity options, and AutoCal™ provide versatility and flexibility for a variety of applications.

Durable construction, large weighing surfaces, a space-saving draftshield design, and full housing in-use cover allow for use in lab, education and industrial environments.

Model	EC Type Approved	AutoCal™	Capacity	Readability (d)	(e)	Platform	Cal. weight, class	Item N°
AX223		•	220g	1mg		Ø 130mm	200g, F1	30127960
AX423		•	420g	1mg		Ø 130mm	200g+200g, F1	30127962
AX623		•	620g	1mg		Ø 130mm	500g, F1	30805890
AX422		•	420g	0,01g		175mm x 195mm	200g+200g, F1	30206079
AX822		•	820g	0,01g		175mm x 195mm	500g+100g, F1	30206081
AX1502		•	1520g	0,01g		175mm x 195mm	1000g+500g, F1	30127966
AX2202		•	2200g	0,01g		175mm x 195mm	2000g, F1	30127968
AX4202		•	4200g	0,01g		175mm x 195mm	2000g+2000g, F1	30122616
AX6202		•	6200g	0,01g		175mm x 195mm	5000g, F1	30805892
AX2201		•	2200g	0,1g		175mm x 195mm	2000g, F1	30206083
AX4201		•	4200g	0,1g		175mm x 195mm	2000g+2000g, F1	30127970
AX8201		•	8200g	0,1g		175mm x 195mm	5000g+1000g, F1	30122619
AX223M	•	•	220g	1mg	0,01g	Ø 130mm	200g, F1	30100623
AX423M	•	•	420g	1mg	0,01g	Ø 130mm	200g+200g, F1	30100624
AX623M	•	•	620g	1mg	0,01g	Ø 130mm	500g, F1	30805896
AX1502M	•	•	1520g	0,01g	0,1g	175mm x 195mm	1000g+500g, F1	30100626
AX2202M	•	•	2200g	0,01g	0,1g	175mm x 195mm	2000g, F1	30100627
AX4202M	•	•	4200g	0,01g	0,1g	175mm x 195mm	2000g+2000g, F1	30100628
AX6202M	•	•	6200g	0,01g	0,1g	175mm x 195mm	5000g, F1	30805897
AX8201M	•	•	8200g	0,1g	1g	175mm x 195mm	5000g+1000g, F1	30122651
AX223/E			220g	1mg		Ø 130mm	200g, F1	30127961
AX423/E			420g	1mg		Ø 130mm	200g+200g, F1	30127963
AX623/E			620g	1mg		Ø 130mm	500g, F1	30805891
AX422/E			420g	0,01g		175mm x 195mm	200g+200g, F1	30206080
AX822/E			820g	0,01g		175mm x 195mm	500g+100g, F1	30206082
AX1502/E			1520g	0,01g		175mm x 195mm	1000g+500g, F1	30127967
AX2202/E			2200g	0,01g		175mm x 195mm	2000g, F1	30127969
AX4202/E			4200g	0,01g		175mm x 195mm	2000g+2000g, F1	30122617
AX6202/E			6200g	0,01g		175mm x 195mm	5000g, F1	30805893
AX2201/E			2200g	0,1g		175mm x 195mm	2000g, F1	30206084
AX4201/E			4200g	0,1g		175mm x 195mm	2000g+2000g, F1	30127971
AX8201/E			8200g	0,1g		175mm x 195mm	5000g+1000g, F1	30122620
AX12001		•	12000g	0,1g		175mm x 195mm	10000g, F1	30805894
AX12001M	•	•	12000g	0,1g	1g	175mm x 195mm	10000g, F1	30805898
AX12001/E			12000g	0,1g		175mm x 195mm	10000g, F1	30805895

High Capacity

PIONEER™ Precision

Combining Economy and High Performance for Essential Weighing



OPTION OPTION

\$ ECONOMY & ACCURACY

Application

Basic weighing, parts counting, percent weighing, animal weighing, density determination, formulation

Display

Backlit Liquid Crystal Display (LCD); Second line display for additional information or guidance (dot matrix)

Operation

AC adapter (included)

Communication

RS232 and USB device (included); GLP/GMP data output with real-time clock

Construction

Metal base, ABS top housing, removable stainless steel pan, glass draftshield (1 mg models only), integrated weigh-below-hook, security bracket, calibration lock and replaceable in-use cover

Design Features

User-selectable environmental filters and brightness settings, auto-tare, auto-dim, user-selectable span calibration points, software lockout and reset menu, user-selectable communication settings and data print options, user-definable project and user IDs, software overload/underload indicator, stability indicator, four operating languages



The PX offers high accuracy and repeatability for essential weighing applications in laboratory, industrial and education settings at an economical price point.

Featuring a cast metal lower housing, sub-pan and stainless steel weighing pan, the PX is durably constructed for versatile, long-term use.

Pioneer features a second line display for additional information or guidance, a static removal bar for convenient grounding, and USB connectivity.

Model	EC Type Approved	Internal Adjustment	Capacity	Readability (d)	(e)	Platform	Cal. weight, class	Item N°
PX323		•	320g	1mg		Ø 120mm	200g+100g, F1	30429805
PX623		•	620g	1mg		Ø 120mm	500g+100g, F1	30619383
PX3202		•	3200g	0,01g		Ø 180mm	2kg+1kg, F1	30429807
PX6202		•	6200g	0,01g		Ø 180mm	5kg+1kg, F1	30619385
PX4201		•	4200g	0,1g		Ø 180mm	2kg+2kg, F1	30429809
PX323M	•	•	320g	1mg	0,01g	Ø 120mm	200g+100g, F1	30430015
PX623M	•	•	620g	1mg	0,01g	Ø 120mm	500g+100g, F1	30619386
PX3202M	•	•	3200g	0,01g	0,1g	Ø 180mm	2kg+1kg, F1	30430021
PX6202M	•	•	6200g	0,01g	0,1g	Ø 180mm	5kg+1kg, F1	30714491
PX4201M	•	•	4200g	0,1g	0,1g	Ø 180mm	2kg+2kg, F1	30430024
PX323/E			320g	1mg		Ø 120mm	200g+100g, F1	30429812
PX623/E			620g	1mg		Ø 120mm	500g+100g, F1	30619382
PX3202/E			3200g	0,01g		Ø 180mm	2kg+1kg, F1	30429814
PX6202/E			6200g	0,01g		Ø 180mm	5kg+1kg, F1	30619384
PX4201/E			4200g	0,1g		Ø 180mm	2kg+2kg, F1	30429816
PX120001		•	12000g	0,1g		193mm x 148mm	10kg, F1	30868072
PX120001/E			12000g	0,1g		193mm x 148mm	10kg, F1	30868073

High Capacity

PR SERIES Precision

Designed for Routine Weighing Applications in Your Workplace



**ROUTINE WEIGHING
FOR ANY BUDGET**



Application

Basic weighing, parts counting, percent weighing

Display

Backlit Liquid Crystal Display (LCD)

Operation

AC adapter (included)

Communication

RS232 (one port included)

Construction

ABS top housing, removable stainless steel pan, glass draftshield (1mg models only) with sliding top door, integrated weigh-below-hook, security bracket, calibration lock

Design features

User-selectable environmental filters and brightness settings, auto-tare, auto-dim, user-selectable span calibration points, software lockout and reset menu, user-selectable communication settings and data print options, user-definable project and user IDs, software overload/underload indicator, stability indicator

Basic Functionality for Routine Weighing Applications.

Designed for Uncomplicated Operation with Easy-to-Use Display and Interface.

Smart Design and Durable Construction.

Model	EC Type Approved	Internal Adjustment	Capacity	Readability (d)	(e)	Platform	Cal. weight, class	Item N°
PR223		•	220g	1mg		Ø 120mm	200g, F1	30492730
PR423		•	420g	1mg		Ø 120mm	200g+200g, F1	30492731
PR523		•	520g	1mg		Ø 120mm	500g, F1	30492732
PR1602		•	1600g	0,01g		Ø 180mm	1kg+500g, F1	30492733
PR2202		•	2200g	0,01g		Ø 180mm	2kg, F1	30492734
PR4202		•	4200g	0,01g		Ø 180mm	2kg+2kg, F1	30492735
PR4201		•	4200g	0,1g		Ø 180mm	2kg+2kg, F1	30492736
PR6201		•	6200g	0,1g		Ø 180mm	5kg+1kg, F1	30498176
PR223M	•	•	220g	1mg	0,01g	Ø 120mm	200g, F1	30524386
PR423M	•	•	420g	1mg	0,01g	Ø 120mm	200g+200g, F1	30524387
PR523M	•	•	520g	1mg	0,01g	Ø 120mm	500g, F1	30524608
PR1602M	•	•	1600g	0,01g	0,1g	Ø 180mm	1kg+500g, F1	30524609
PR2202M	•	•	2200g	0,01g	0,1g	Ø 180mm	2kg, F1	30524610
PR4202M	•	•	4200g	0,01g	0,1g	Ø 180mm	2kg+2kg, F1	30524611
PR4201M	•	•	4200g	0,1g	0,1g	Ø 180mm	2kg+2kg, F1	30524612
PR6201M	•	•	6200g	0,1g	1g	Ø 180mm	5kg+1kg, F1	30524613
PR223/E			220g	1mg		Ø 120mm	200g, F1	30430071
PR423/E			420g	1mg		Ø 120mm	200g+200g, F1	30430072
PR523/E			520g	1mg		Ø 120mm	500g, F1	30430073
PR1602/E			1600g	0,01g		Ø 180mm	1kg+500g, F1	30430074
PR2202/E			2200g	0,01g		Ø 180mm	2kg, F1	30430075
PR4202/E			4200g	0,01g		Ø 180mm	2kg+2kg, F1	30430076
PR4201/E			4200g	0,1g		Ø 180mm	2kg+2kg, F1	30430077
PR6201/E			6200g	0,1g		Ø 180mm	5kg+1kg, F1	30430078

Accessories for Precision Balances

Accessories	Explorer™ Precision	Explorer™ Precision High Capacity	Adventurer™ Precision	Pioneer™ Precision	PR Series Precision	Item N°
Density determination kit (for 1mg only)	•		•	•		80253384
Sinker Glass for Density kit	•		•	•		83034024
Auxiliary display, AD7-RS	•	•	•	•	•	30472064
In-Use Cover for EX	•	•				83033633
Full housing in-use cover for AX (1mg models)			•			30111792
Full housing in-use cover for AX (0.01g and 0.1g models)			•			30111777
In-Use Cover for PX (0.01g and 0.1g models)				•		30759721
In-Use Cover for PX				•		30372546
In-Use Cover for PR					•	30372547
Ethernet interface	•	•				83021082
Draft shield kit for EX 0,01g and 0,1g models	•					83021084
Tower Kit	•					83021102
Tower Kit		•				30078082
Anti theft device (models over 12kg)		•				80850000
Anti theft device	•		•	•	•	80850043
Cable, USB A to Mini USB, Black	•					28120263
Interface Kit, RS232-USB	•	•	•	•	•	30304101
Cable, RS422, Extension, 3m	•	•				83021083
Cable, RS422, Extension, 9m	•	•				30078078
SF40A impact printer	•	•	•	•	•	30064202
Battery Kit		•				30041295
Adjustable rolling feet		•				30041470
Interface Cable, USB (Type A to B)			•			83021085
Carrying Case, AX			•			30251108
Carrying Case, PX				•		30477092
Pan, 12kg, 300 x 225mm, PX (only for High Capacity models)				•		30868077



DENSITY DETERMINATION KIT
80253384



SINKER GLASS FOR DENSITY KIT
83034024



AUXILIARY DISPLAY, AD7-RS
30472064



IN-USE COVER
83033633



ETHERNET INTERFACE
83021082



DRAFT SHIELD KIT
83021084



TOWER KIT
83021102



ANTI THEFT DEVICE
80850000



INTERFACE CABLE, USB (TYPE A TO B)
83021085



INTERFACE KIT, RS232-USB
30304101



CABLE, RS422, EXTENSION, 3M
83021083



FULL HOUSING IN USE COVER
30111777



SF40A IMPACT PRINTER
ER30064202



IN-USE COVER
30372546



BATTERY KIT
30041295



ADJUSTABLE ROLLING FEET
30041470

SCOUT™ STX

High-Performance Portable Balances with Intuitive Touchscreens for High Accuracy and Productivity



**HIGH PERFORMANCE
& INTUITIVE OPERATION**

Application

Weighing, percent weighing, parts counting, check weighing, dynamic/animal weighing, totalization, density determination, display hold, mole weighing

Display

Full-colour touchscreen WQVGA Graphic LCD (4.3 in. diagonal), QWERTY keyboard and numeric keypad to quickly input GLP and GMP data and other USB device, Bluetooth or Ethernet

Operation

AC Adapter (Included), batteries (not included)

Communication

Optional RS232, USB host, USB device, Bluetooth or Ethernet

Construction

ABS housing, stainless steel pan, replaceable in-use cover

Design Features

Fast stabilization time, up-front level indicator, up to 9 operating languages, save-to-USB function, menu lock switch, stackable design, security slot, integral weigh below hook for below balance weighing applications, transportation lock, removable stainless steel weighing platform, stability indicator, overload and underload indicators, low battery indicator, auto shut-off



Large, intuitive, colour touchscreen display allows for easy operation - guiding the user through every step of the weighing application.

Advanced weighing technology allows for one-second stabilization time for increased productivity.

Integrated overload protection system rated at ten times the capacity protects the balance in demanding environments.

Model	Capacity	Readability (d)	Platform	Cal. weight, class*	Item N°
STX123	120g	0,001g	Ø 93mm	100g, M1*	30253058
STX223	220g	0,001g	Ø 93mm	200g, M1*	30253059
STX222	220g	0,01g	Ø 120mm	200g, M1*	30253060
STX422	420g	0,01g	Ø 120mm	200g, M1*	30253061
STX622	620g	0,01g	Ø 120mm	300g, M1*	30253062
STX1202	1200g	0,01g	170mm x 140mm	1000g, M1	30253063
STX2202	2200g	0,01g	170mm x 140mm	2000g, M1	30253064
STX421	420g	0,1g	Ø 120mm	200g, M1	30253065
STX621	620g	0,1g	170mm x 140mm	300g, M1	30253066
STX2201	2200g	0,1g	170mm x 140mm	2000g, M1	30253067
STX6201	6200g	0,1g	170mm x 140mm	5000g, M1	30253068
STX8200	8200g	1g	170mm x 140mm	8000g, M1	30253069

* test weight included for models up to 620 g capacity

SCOUT™ SKX

The Next Generation of Portable Balance



**PRECISION
& SPACE SAVING**

Application

Weighing, density determination, mole weighing

Display

Backlit LCD: 6-digit 7-segment with white LED backlight

Operation

AC Adapter (included), batteries (not included)

Communication

Optional RS232, USB host, USB device, Bluetooth or Ethernet

Construction

ABS housing, stainless steel pan, replaceable in-use cover

Design Features

Fast stabilization time, menu lock switch, stackable design, security slot, integral weigh below hook for below balance weighing applications, transportation lock, removable stainless steel weighing platform, stability indicator, overload and underload indicators, low battery indicator, auto shut-off



Space-saving design allows for stackable storage (excluding the 1 mg model).

Integrated overload protection system rated at ten times the capacity protects the balance in demanding classroom environments.

Large backlit display improves readability in low-light conditions and makes it easier to view results from across a desk or lab bench. Multiple connectivity options for data collection and transfer.

Model	Capacity	Readability (d)	Platform	Cal. weight, class*	Item N°
SKX123	120g	0,001g	Ø 93mm	100g, M1*	30253070
SKX222	220g	0,01g	Ø 120mm	200g, M1*	30253071
SKX422	420g	0,01g	Ø 120mm	200g, M1*	30253072
SKX622	620g	0,01g	Ø 120mm	300g, M1*	30253073
SKX1202	1200g	0,01g	170mm x 140mm	1000g, M1	30253074
SKX2202	2200g	0,01g	170mm x 140mm	2000g, M1	30253075
SKX421	420g	0,1g	Ø 120mm	200g, M1	30253076
SKX621	620g	0,1g	170mm x 140mm	300g, M1	30253077
SKX2201	2200g	0,1g	170mm x 140mm	2000g, M1	30253078
SKX6201	6200g	0,1g	170mm x 140mm	5000g, M1	30253079
SKX8200	8200g	1g	170mm x 140mm	8000g, M1	30253080

* test weight included for models up to 620 g capacity

NAVIGATOR™

Rugged, Multi-Purpose Balances for a Wide Range of General Weighing Applications

Application

Basic weighing, parts counting, percent weighing, check weighing

Display

Backlit Liquid Crystal Display (LCD)

Operation

AC adapter (included) or 4 C batteries (not included)

Communication

RS232, USB, or Ethernet (available as accessories)

Construction

ABS housing, stainless steel pan, transportation lock, slip-resistant and adjustable feet, leveling bubble

Design Features

Menu and calibration lock switch, mechanical and software overload/underload protection, stability indicator, low battery indicator, auto shut-off, user-selectable print options, user-selectable communication settings



MULTI-PURPOSE
\$ AT COMPETITIVE PRICE



Designed for Accuracy and Repeatability in Essential Weighing Applications.

Improved Productivity with Fast Stabilization Time.

Mechanical Overload Protection Safeguards the Balance and Increases Durability
OIML/EC Type Approvals Ensure Accurate Operation in Trading Applications.

Navigator™ NV

Model	Capacity	Readability (d)	Platform	Cal. weight, class	Item N°
NV123*	120g	0,001g	Ø93mm	100g, F2	30615581
NV223*	220g	0,001g	Ø93mm	200g, F2	30615582
NV323*	320g	0,001g	Ø93mm	300g, F2	30615583
NV222	220g	0,01g	Ø 145mm	200g, F2	30456382
NV422	420g	0,01g	Ø 145mm	200g, F2	30456383
NV622	620g	0,01g	Ø 145mm	300g, F2	30456384
NV1202	1200g	0,01g	190mm x 144mm	1000g, F2	30615584
NV2202	2200g	0,01g	190mm x 144mm	2000g, F2	30615585
NV3202	3200g	0,01g	190mm x 144mm	3000g, F2	30615586
NV221	220g	0,1g	190mm x 144mm	200g, F2	30456385
NV621	620g	0,1g	190mm x 144mm	600g, F2	30456386
NV1201	1200g	0,1g	190mm x 144mm	500g, F2	30456387
NV2201	2200g	0,1g	190mm x 144mm	1000g, F2	30456388

*model with draftshield

Navigator™ NVT

Model	Capacity	Readability (d)	Platform	Cal. weight, class	Item N°
NVT2201	2200g	0,1g	230mm x 174mm	1000g, F2	30456389
NVT4201	4200g	0,1g	230mm x 174mm	2000g, F2	30456390
NVT6201	6200g	0,1g	230mm x 174mm	5000g, F2	30456391
NVT10201	10200g	0,1g	230mm x 174mm	5000g, F2	30615587
NVT2200	2200g	1g	230mm x 174mm	1000g, F2	30456392
NVT6200	6200g	1g	230mm x 174mm	5000g, F2	30456393
NVT12000	12000g	1g	230mm x 174mm	5000g, F2	30456394
NVT22000	22000g	1g	230mm x 174mm	10000g, F2	30456395

Model	EC Type Approved	Capacity	Readability (d)	Verification interval (e)	Platform	Cal. weight, class	Item N°
NVT1601M	•	1600g	0,5g	0,5g	230mm x 174mm	1000g, F2	30467835
NVT3200M	•	3200g	1g	1g	230mm x 174mm	2000g, F2	30467836
NVT6400M	•	6400g	2g	2g	230mm x 174mm	5000g, F2	30467837
NVT16000M	•	16000g	5g	5g	230mm x 174mm	10000g, F2	30467838

COMPASS™ CX

Designed with Energy Efficient Weighing in Mind for Workplace & In-the-Field Weighing

Application

Basic Weighing, Display Hold

Display

Liquid Crystal Display (LCD) with backlight

Operation

3 AA batteries (included) or AC adapter (not included)

Construction

ABS housing, stainless steel pan, transportation lock, slip-resistant feet

Design Features

Stability indicator, mechanical and software overload/underload protection, low battery indicator, auto shut-off



Low Power Consumption Design Allows for Uninterrupted Operation - 1,000 hours.

Improved Functionality with Large Backlit LCD and Two-Button Operation.

Practical Space-Saving Design for Convenient Storage.

Model	Capacity	Readability (d)	Platform	Cal. weight, class	Item N°
CX221	220g	0,1g	142mm x 128mm	200g, M1	30428208
CX621	620g	0,1g	142mm x 128mm	500g, M1	30428209
CX1201	1200g	0,1g	142mm x 128mm	1000g, M1	30428210
CX2200	2200g	1g	142mm x 128mm	1000g, M1	30428211
CX5200	5200g	1g	142mm x 128mm	2000g, M1	30428212

COMPASS™ CR

Basic Weighing Capabilities at an Economical Price



**COST & SPACE
CONSCIOUS DESIGN**

Application

Basic Weighing

Display

Liquid Crystal Display (LCD)

Operation

3 AA batteries (included) or AC adapter (not included)

Construction

ABS housing and pan, transportation lock, slip-resistant feet

Design Features

Stability indicator, mechanical and software overload/underload protection, auto shut-off



Basic Weighing at a Competitive Price. Long battery life - 300h.

Space-Saving Stackable Design for Convenient Storage.

Enlarged Weighing Platform Allows for Versatile Use.

Model	Capacity	Readability (d)	Platform	Cal. weight, class	Item N°
CR221	220g	0,1g	132mm x 125mm	200g, M1	30428213
CR621	620g	0,1g	132mm x 125mm	500g, M1	30428214
CR2200	2200g	1g	132mm x 125mm	1000g, M1	30428215
CR5200	5200g	1g	132mm x 125mm	2000g, M1	30428216

YA GOLD SERIES

Reliable pocket-sized portable scale



Unique hinged cover design.

High contrast backlit LCD.

Energy saving auto shut-off.

Model	Capacity	Readability (d)	Platform	Item N°
YA102	100g	0.01g	50mm x 70mm	80251910
YA302	300g	0.05g	50mm x 70mm	80251911
YA501	500g	0.1g	50mm x 70mm	80251912

Accessories for Precision Portable Balances

Accessories	Scout™ STX	Scout™ SKX	Navigator™ NV	Navigator™ NVT	Compass™ CX	Compass™ CR	YA Gold	Item N°
RS232 Interface Kit	•	•						30268982
USB Host Interface Kit	•	•						30268983
USB Device Interface Kit	•	•						30268984
Bluetooth Interface Kit	•	•						30268985
Ethernet Interface Kit	•	•						30268986
Stacking Kit, set (6)	•	•						30268987
Stacking Kit, set (1)	•	•						30268988
In-use cover	•	•						30269022
Auxiliary display, AD7-MD	•	•						30472063
Top loading kit for Density Determination	•	•						30269020
Anti theft device	•	•	•	•				80850043
Carrying Case, Scout	•	•						30269021
RS232 interface kit			•	•				83032107
USB interface kit			•	•				83032108
Ethernet interface kit			•	•				83032109
Battery rechargeable kit			•	•				83032106
Carrying Case			•	•				30467963
Stacking Kit, x1*			•					30467917
Stacking Kit, x4*			•					30467918
Weigh below kit			•	•				30628012
Carrying case CX CR					•	•		30467763
Pan SST CX					•			30428138
Adapter & plugs (EU-US-UK-AU-KR)						•		30467987
Adapter, 12V 0.5A, fixed UK plug						•		30467994
Adapter, 5V 1A EU, fixed plug					•			30333866
Adapter, 5V 1A UK, fixed plug					•			30333867
In-use cover NV			•					30809921
In-use cover NVT				•				30809922

* To use the storage stacking cover on models with draft shield (readability 0.001g), the draft shield has to be removed.



BLUETOOTH INTERFACE KIT
30268985



RS232 INTERFACE KIT
30268982



USB DEVICE INTERFACE KIT
30268984



STACKING KIT, SET (1)
30268988



AUXILIARY DISPLAY, AD7-MD
30472063



RS232 INTERFACE KIT
83032107



USB INTERFACE KIT
83032108



ETHERNET INTERFACE KIT
83032109



PAN SST CX
30428138



BATTERY RECHARGEABLE KIT
83032106



CARRYING CASE
30467963



TOP LOADING KIT FOR DENSITY
DETERMINATION 30269020



IN-USE COVER NV
30809921



IN-USE COVER NVT
30809922

MB120

Faster, Smarter, More Efficient Moisture Analysis



Application

Percent moisture determination, percent moisture regain determination, percent solid determination, weighing

Display

4.3" TFT colour touchscreen display

Operation

Power cord (included)

Communication

RS232 with GLP/GMP data output, USB Host and USB Device (included)

Construction

Metal base, ABS top housing, halogen heat source, stainless steel pan support, stainless steel pan handler, in-use cover

Design Features

SmartGuide™, Seven shut-off criteria (manual, timed, autofree %/s, autofree mg/s, A30, A60 and A90), four drying profiles (standard, fast, ramp and step), storage up to 100 methods and 1000 test results for all methods, user guide, 40°C to 230°C heating temperature range (1°C increments), 13 operational languages

Get started quickly with SmartGuide™. This revolutionary feature automatically analyzes a sample and creates a method, thereby removing the guesswork from the initial setup.

The MB120 has the capability to produce fast and accurate results due to features such as a halogen heating system, customizable shut-off criteria and four built in drying profiles.

The MB120 allows storage of up to 100 methods and 1,000 measurement results. Stored results can be exported, and methods can be shared across multiple devices.



Model	Capacity	Readability (d)	Platform	Cal. weight, class	Item N°
MB120	120g	1mg/0.01%	Ø 90mm	50g, F1	30241169

MB90

Professional Moisture Analyzers for Advanced Moisture Analysis



Application

Percent moisture determination, percent moisture regain determination, percent solid determination, weighing

Display

4.3" TFT colour touchscreen display

Operation

Power cord (included)

Communication

RS232 with GLP/GMP data output, USB Host and USB Device (included)

Construction

Metal base, ABS top housing, halogen heat source, stainless steel pan support, stainless steel pan handler, in-use cover

Design Features

Three shut-off criteria (manual, timed or auto), two drying profiles (standard and fast), storage up to two methods, user guide, 40°C to 200°C heating temperature range (1°C increments), 13 operational languages

Increase Efficiency in your Lab with Fast Heating Halogen Technology.

Effortless Cleaning with the Tool-Free Cleaning Structure.

Operate Intuitively Using Icon-Based Navigation on the Colour Touchscreen Display.



Model	Capacity	Readability (d)	Platform	Cal. weight, class	Item N°
MB90	90g	1mg/0.01%	Ø 90mm	50g, F1	30241168

MB27

Outstanding performance, flexible configuration and reliable results



**FAST,
RELIABLE RESULTS**

Application

Percent moisture determination, percent solid determination, weighing

Display

Backlit liquid crystal display (LCD)

Operation

Mains power

Communication

RS232 Interface

Construction

Halogen heat source, ABS housing, metal pan support, metal pan handler, in-use cover

Design Features

3 shut off criteria (manual, timed or auto), 1 standard heating profile, 50° to 160° C heating range (5° C increments)



With 0.01% 0.001g accuracy, the MB27 Moisture Analyzer is suitable for most applications.

Halogen heating and dual weight-temperature calibration provide fast, reliable results.

User-friendly touch-button design for easy operation.

Model	Capacity	Readability (d)	Platform	Cal. weight, class	Item N°
MB27	90g	1mg/0.01%	Ø 90mm	50g, F1	30251541

MB25

Fast, easy-to-use, compact halogen analyser



**HALOGEN HEATING
WITH RELIABLE RESULTS**

Application

Moisture determination from 50 °C to 160 °C, 5 °C increments, repeatability 0.05 % (10 g sample)

Display

Custom backlit LCD

Operation

Mains power

Communication

RS232 Interface

Construction

Halogen heat source, durable ABS

Design Features

Compact design, in-use cover, sample pan holder, halogen heating, manual, automatic or timed duration drying time



Halogen heating and dual weight-temperature calibration provide fast, reliable results.

User-friendly touch-button design for easy operation.

Easy-clean heating chamber is ideal for frequent use.

Model	Capacity	Readability (d)	Platform	Cal. weight, class	Item N°
MB25	110g	5mg/0.01% (sample <10g) 5mg/0.05% (sample >10g)	Ø 90mm	50g, M1	80252472

MB23

Compact analyser that is easy to use and clean

  **MOISTURE ANALYSIS
FOR ANY BUDGET**

Application

Moisture determination from 50 °C to 160 °C, 5 °C increments, repeatability 0.2 % (10 g sample)

Display

Custom backlit LCD

Operation

Mains operation

Communication

RS232 Interface

Construction

Durable ABS

Design Features

Compact design, in-use cover, sample pan holder, infrared heating, manual, automatic or timed duration drying time



Glass-less infrared heating increases efficiency for faster results.

Compact design suits any workspace.

Model	Capacity	Readability (d)	Platform	Cal. weight, class	Item N°
MB23	110g	10mg/0.1%	Ø 90mm	50g, M1	80252470

Accessories for Moisture Analysers

Accessories	MB120	MB90	MB27	MB25	MB23	Item N°
Temperature Calibration Kit	•	•	•	•	•	11113857
Pan Holder	•	•				30246947
Aluminium Sample pans, 50 per pack	•	•	•	•	•	30585411
Glass fibre discs, 200 per pack	•	•	•	•	•	80850087
Sample Cage	•	•	•	•	•	80252477
Reusable sample pans, 3 per pack, 14mm	•	•	•	•	•	80252479
Reusable sample pans, 3 per pack, 7mm	•	•	•	•	•	80252478
Scoop, Accessory	•	•				30284477
In-Use-Cover, Accessory - MB90, MB120	•	•				30284478
Anti theft device	•	•	•	•	•	80850043
Interface Kit, RS232-USB	•	•	•	•	•	30304101
Pan Holder			•	•	•	80252476
In use display cover MB2x			•	•	•	80252475
Carrying Case - MB90, MB120	•	•				30298583



TEMPERATURE CALIBRATION KIT
11113857



REUSABLE SAMPLE PANS, 3 PER PACK,
14MM 80252479



ALUMINIUM SAMPLE PANS, 50 PER PACK
30585411



GLASS FIBRE DISCS, 200 PER PACK
80850087



SAMPLE CAGE
80252477



REUSABLE SAMPLE PANS, 3 PER PACK,
7MM 80252478



SCOOP, ACCESSORY
30284477



ANTI THEFT DEVICE
80850043



IN-USE-COVER, ACCESSORY - MB90,
MB120 30284478



INTERFACE KIT, RS232-USB
30304101



IN USE DISPLAY COVER, MB2X
80252475

CENT-O-GRAM™ 311-00 DIAL-O-GRAM™ 310-00

High precision and remarkable value

Model	Capacity	Readability (d)	Platform	Item N°
311-00	311g	0.01g	Ø 89mm	80000010
310-00	310g	0.01g	Ø 89mm	80000009

Metal base and beam, stainless steel pan.

Self-aligning beam design.

Vernier dial convenience on Dial-o-Gram (model 310-00).



TRIPLE BEAM PRO™

The Triple Beam balance that offers even more

Model	Capacity	Readability (d)	Platform	Item N°
TP2611	2610g	0.1g	147mm	80251370

Easy grip carrying handle.

Included weight set with integrated storage in the balance.



TRIPLE BEAM JUNIOR

OHAUS Quality at an Affordable Price

Model	Capacity	Readability (d)	Platform	Item N°
TJ2611	2610g*	0.1g	Ø 150mm	80252049
TJ611	610g	0.1g	Ø 150mm	80252052

* with included 3-piece mass set

Notched and tiered beams for easy reading.

Security Features (lockable connections).

Zero adjust compensator ensures correct zero.



TRIPLE BEAM 700

Rugged enough to deliver accurate results year after year

Model	Capacity	Readability (d)	Platform	Item N°
710-00	610g*	0.1g	Ø 152mm	80000011
750-S0	610g*	0.1g	Ø 152mm	80000012
760-00	610g*	0.1g	Ø 152mm	80000013

*2610g capacity with optional 80780108 weight set

Fixed or removable pan (710-00) to fit any application.

The outstanding quality of the beam allows for smooth positioning of the poise, resulting in superior measurement.

Easy to read deep notched and tiered beams, counterbalancing knob for quick zeroing, self-aligning beam design.



HARVARD JUNIOR

Traditional style two-pan design at a great price

Model	Capacity	Readability (d)	Platform	Item N°
HJ2001	2000g	0.5g	Ø 150mm	80252050



Easy grip carrying handle.

Lock to protect the balance during transport or storage (can be stacked).

Included 8-piece weight set and bowl that fits over the flat platform.

HARVARD TRIP

Two pan balance designed for comparative weighing

Model	Capacity	Readability (d)	Platform	Item N°
1450-SD	2000g*	0.1g	Ø 152mm	80000003
1550-SD	2000g*	0.1g	Ø 152mm	80000004
1560-SD	2000g*	0.1g	Ø 152mm	80000005

*2000g capacity with optional Weight Set, 1kg-1g (80850115)



The built-in sliding masses make weighing very simple and quick. 1560-SD with tare range of 225g.

Magnetic damping minimizes oscillation and helps speed up weighing.

A counterbalancing knob provides quick zeroing of the balance while floating agate bearings helps ensure accurate results.

Accessories for Mechanical Scales & Balances

Accessories	Cent-O-Gram™ 311-00	Triple Beam Pro™	Triple Beam Junior	Triple Beam 700	Harvard Junior	Harvard Trip	Item N°
3 pieces counter weight set increases capacity to 2610g (2x1kg and 1x500g)		.	.	.			80780108
Weight Set, 1kg-1g						.	80850115



3 PIECES COUNTER WEIGHT SET INCREASES CAPACITY TO 2610G 80780108

DF 5000 SERIES Stainless Steel Floor Scales

Prime German-Quality Floor Scales Fulfill Even the Most Demanding Industrial Applications

Application

Weighing, Parts Counting, Percent Weighing, Checkweighing, Dynamic Weighing (Display Hold), Filling

Display

Backlit Liquid Crystal Display (LCD), 256 x 80 pixels

Operation

Internal power supply with power cord (included) or rechargeable battery (sold separately as an accessory)

Communication

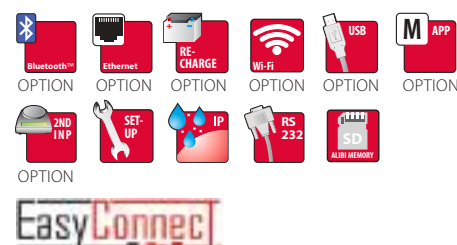
Easy access communication ports including RS232 and Micro SD slot (included), second RS232/RS485/USB device, Ethernet and WiFi/Bluetooth, Discrete I/O and Analog Output (sold separately as accessories); GLP/GMP data output with real-time clock

Construction

Stainless steel indicator, bead-blasted stainless steel platform, IP67 stainless steel junction box with top access, IP68 OIML R60 electro-polished stainless steel load cells, available pit frames mounting

Design Features

Structural channel bracing and pendulum design feet with removable rubber cap, 150% overload protection. Checkweighing symbols with selectable operation and audible signal settings, menu lock switch, multiple selectable operating languages, selectable environmental and auto-print settings, stability indicator, overload/underload indicators, selectable adjust contrast settings, auto-dim display, auto-off, auto tare.



OHAUS Defender 5000 series Floor Scale is equipped with a new TD52XW series indicator with an easy-to-use keypad, large backlit display and plain text on-screen prompts which guide you through operation.

Four IP68 electro-polished stainless steel load cells that are laser-weld, hermetically-sealed and OIML-certified are standard on all models.

Combination floor-pit mount design provides versatility for portable or stationary placement, above or below ground installation.

Model	EC Type Approved	Capacity	Readability (d)	(e)	Platform (mm)	Item N°
DF52XW300G1S-EU		300kg	50g		800 x 800 x 90	30525406
DF52XW600G1S-EU		600kg	100g		800 x 800 x 90	30525407
DF52XW300G1R-EU		300kg	50g		1000 x 1000 x 90	30525408
DF52XW600G1R-EU		600kg	100g		1000 x 1000 x 90	30525409
DF52XW1500G1R-EU		1500kg	200g		1000 x 1000 x 90	30525410
DF52XW600G1LX-EU		600kg	100g		1500 x 1250 x 90	30525411
DF52XW1500G1LX-EU		1500kg	200g		1500 x 1250 x 90	30525412
DF52XW3000G1LX-EU		3000kg	500g		1500 x 1250 x 90	30525413
DF52XW600G1X-EU		600kg	100g		1500 x 1500 x 90	30525414
DF52XW1500G1X-EU		1500kg	200g		1500 x 1500 x 90	30525415
DF52XW3000G1X-EU		3000kg	500g		1500 x 1500 x 90	30525416
DF52XW300G1S-M	•	300kg		100g	800 x 800 x 90	30525438
DF52XW600G1S-M	•	600kg		200g	800 x 800 x 90	30525439
DF52XW300G1R-M	•	300kg		100g	1000 x 1000 x 90	30525440
DF52XW600G1R-M	•	600kg		200g	1000 x 1000 x 90	30525441
DF52XW1500G1R-M	•	1500kg		500g	1000 x 1000 x 90	30525442
DF52XW600G1LX-M	•	600kg		200g	1500 x 1250 x 90	30525443
DF52XW1500G1LX-M	•	1500kg		500g	1500 x 1250 x 90	30525444
DF52XW3000G1LX-M	•	3000kg		1000g	1500 x 1250 x 90	30525445
DF52XW600G1X-M	•	600kg		200g	1500 x 1500 x 90	30525446
DF52XW1500G1X-M	•	1500kg		500g	1500 x 1500 x 90	30525447
DF52XW3000G1X-M	•	3000kg		1000g	1500 x 1500 x 90	30525448

DF 5000 SERIES Floor Scales

Prime German-Quality Floor Scales Fulfill Even the Most Demanding Industrial Applications

Application

Weighing, Parts Counting, Percent Weighing, Checkweighing, Dynamic Weighing (Display Hold), Filling

Display

Backlit Liquid Crystal Display (LCD), 256 x 80 pixels

Operation

Internal power supply with power cord (included) or rechargeable battery (sold separately as an accessory)

Communication

Easy access communication ports including RS232 and Micro SD slot (included), second RS232/RS485/USB device, Ethernet and WiFi/Bluetooth, Discrete I/O and Analog Output (sold separately as accessories); GLP/GMP data output with real-time clock

Construction

ABS plastic indicator, black painted steel platform, IP67 stainless steel junction box with top access, IP68 OIML R60 electro-polished stainless steel load cells, available pit frames mounting

Design Features

Structural channel bracing and pendulum design feet with removable rubber cap, 150% overload protection. Checkweighing symbols with selectable operation and audible signal settings, menu lock switch, multiple selectable operating languages, selectable environmental and auto-print settings, stability indicator, overload/underload indicators, selectable adjust contrast settings, auto-dim display, auto-off, auto tare.



OHAUS Defender 5000 series Floor Scale is equipped with a new TD52P series indicator with an easy-to-use keypad, large backlit display and plain text on-screen prompts which guide you through operation.

Four IP68 electro-polished stainless steel load cells that are laser-weld, hermetically-sealed and OIML-certified are standard on all models.

Combination floor-pit mount design provides versatility for portable or stationary placement, above or below ground installation.

Model	EC Type Approved	Capacity	Readability (d)	(e)	Platform (mm)	Item N°
DF52P300F1S		300kg	50g		800 x 800 x 90	30525380
DF52P600F1S		600kg	100g		800 x 800 x 90	30525381
DF52P300F1R		300kg	50g		1000 x 1000 x 90	30525382
DF52P600F1R		600kg	100g		1000 x 1000 x 90	30525383
DF52P1500F1R		1500kg	200g		1000 x 1000 x 90	30525384
DF52P600F1LX		600kg	100g		1500 x 1250 x 90	30525385
DF52P1500F1LX		1500kg	200g		1500 x 1250 x 90	30525386
DF52P3000F1LX		3000kg	500g		1500 x 1250 x 90	30525387
DF52P600F1X		600kg	100g		1500 x 1500 x 90	30525388
DF52P1500F1X		1500kg	200g		1500 x 1500 x 90	30525389
DF52P3000F1X		3000kg	500g		1500 x 1500 x 90	30525390
DF52P1500F1XV		1500kg	200g		2000 x 1500 x 90	30525391
DF52P3000F1XV		3000kg	500g		2000 x 1500 x 90	30525392
DF52P300F1S-M	•	300kg		100g	800 x 800 x 90	30525425
DF52P600F1S-M	•	600kg		200g	800 x 800 x 90	30525426
DF52P300F1R-M	•	300kg		100g	1000 x 1000 x 90	30525427
DF52P600F1R-M	•	600kg		200g	1000 x 1000 x 90	30525428
DF52P1500F1R-M	•	1500kg		500g	1000 x 1000 x 90	30525429
DF52P600F1LX-M	•	600kg		200g	1500 x 1250 x 90	30525430
DF52P1500F1LX-M	•	1500kg		500g	1500 x 1250 x 90	30525431
DF52P3000F1LX-M	•	3000kg		1000g	1500 x 1250 x 90	30525432
DF52P600F1X-M	•	600kg		200g	1500 x 1500 x 90	30525433
DF52P1500F1X-M	•	1500kg		500g	1500 x 1500 x 90	30525434
DF52P3000F1X-M	•	3000kg		1000g	1500 x 1500 x 90	30525435
DF52P1500F1XV-M	•	1500kg		500g	2000 x 1500 x 90	30525436
DF52P3000F1XV-M	•	3000kg		1000g	2000 x 1500 x 90	30525437

DF 3000 SERIES Stainless Steel Floor Scales (i-DF33)

Floor Scales for Basic Industrial Applications

Application

Weighing, Checkweighing, Counting, Totalization

Display

7 Segment LCD with multicolor backlight

Operation

Internal power supply with power cord (included) or Rechargeable Battery (included)

Communication

Standard RS232 and optional USB Device or Ethernet

Construction

304-grade stainless steel IP66 indicator, 5mm fixed top plate, stainless steel platform, IP65 stainless steel junction box with side access, 4 x IP67 OIML R60 stainless steel load cells, available stainless steel ramp

Design Features

125% overload protection, four load cell mounted feet with self-swiveling ball-in-cup design, painted and stainless steel floor stands (available as accessories)



304 stainless steel, sand-blasted flat surface with four IP67 stainless steel load cells, fixed top plate (5mm thick) with structural bracing that ensures a stiff & solid construction.

Defender 3000 come in six models ranging from platform sizes of 1 x 1 m, 1.25 x 1.25 m and 1.5 x 1.5 m, and capacities from 600 kg to 3000 kg, allowing greater flexibility for your weighing needs.

Results are clearly shown on the large, bright backlit LCD display. In Checkweighing mode, display changes color (yellow/green/red) to alert users when within the target weight range.

Model	EC Type Approved	Capacity	Readability (d)	Readability (e)	Platform (mm)	Item N°
i-DF33XW600C1R-EU		600kg	200g		1000 x 1000	30700625
i-DF33XW1500C1R-EU		1500kg	500g		1000 x 1000	30700626
i-DF33XW1500C1L-EU		1500kg	500g		1250 x 1250	30700629
i-DF33XW3000C1L-EU		3000kg	1000g		1250 x 1250	30700630
i-DF33XW1500C1X-EU		1500kg	500g		1500 x 1500	30700633
i-DF33XW3000C1X-EU		3000kg	1000g		1500 x 1500	30700634
i-DF33XW600C1R-EU-M	•	600kg		200g	1000 x 1000	30764203
i-DF33XW1500C1R-EU-M	•	1500kg		500g	1000 x 1000	30764204
i-DF33XW1500C1L-EU-M	•	1500kg		500g	1250 x 1250	30764259
i-DF33XW3000C1L-EU-M	•	3000kg		1000g	1250 x 1250	30764260
i-DF33XW1500C1X-EU-M	•	1500kg		500g	1500 x 1500	30764265
i-DF33XW3000C1X-EU-M	•	3000kg		1000g	1500 x 1500	30764266

DF 3000 SERIES Floor Scales (i-DF33)

Floor Scales for Basic Industrial Applications

Application

Weighing, Checkweighing, Counting, Totalization

Display

7 Segment LCD with multicolor backlight

Operation

Internal power supply with power cord (included), 6C (LR14) Batteries (not included) or Rechargeable Battery (not included)

Communication

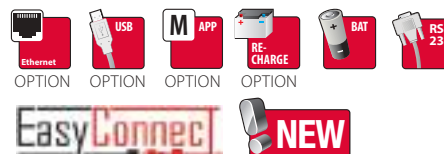
Standard RS232 and optional USB Device or Ethernet

Construction

ABS plastic indicator, 5mm fixed top plate, black treaded painted steel platform, IP65 stainless steel junction box with side access, 4 x IP67 OIML R60 alloy steel load cells, two carbon steel eye bolts, available painted steel ramp

Design Features

125% overload protection, four load cell mounted feet with self-swiveling ball-in-cup design, painted and stainless steel floor stands (available as accessories)



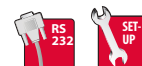
Painted carbon steel, raised treaded surface with four IP67 alloy steel load cells, fixed top plate (5mm thick) with structural bracing that ensures a stiff and solid construction.

Defender 3000 comes in six models ranging from platform sizes of 1 x 1 m, 1.25 x 1.25 m and 1.5 x 1.5 m, and capacities from 600 kg to 3000 kg, allowing greater flexibility for your weighing needs.

Results are clearly shown on the large, bright backlit LCD display. In Checkweighing mode, display changes color (yellow/green/red) to alert users when within the target weight range.

Model	EC Type Approved	Capacity	Readability (d)	Readability (e)	Platform (mm)	Item N°
i-DF33P600B1R		600kg	200g		1000 x 1000	30700623
i-DF33P1500B1R		1500kg	500g		1000 x 1000	30700624
i-DF33P1500B1L		1500kg	500g		1250 x 1250	30700627
i-DF33P3000B1L		3000kg	1000g		1250 x 1250	30700628
i-DF33P1500B1X		1500kg	500g		1500 x 1500	30700631
i-DF33P3000B1X		3000kg	1000g		1500 x 1500	30700632
i-DF33P600B1R-M	•	600kg		200g	1000 x 1000	30764201
i-DF33P1500B1R-M	•	1500kg		500g	1000 x 1000	30764202
i-DF33P1500B1L-M	•	1500kg		500g	1250 x 1250	30764207
i-DF33P3000B1L-M	•	3000kg		1000g	1250 x 1250	30764258
i-DF33P1500B1X-M	•	1500kg		500g	1500 x 1500	30764263
i-DF33P3000B1X-M	•	3000kg		1000g	1500 x 1500	30764264

DF 3000 SERIES Floor Scales (DF32)



Versatile, low cost floor and pit platform with T32M indicator

Application

Weighing (5 units), Parts Counting, Dynamic, Checkweighing, Weight Accumulation.

Display

Backlit LCD

Operation

AC adapter (included)

Communication

RS232 interface

Construction

Metal indicator, black painted steel platform, raised embossed treads, fixed top plate 5mm thick, 4 x H8C IP67 OIML R60 alloy steel load cells, IP65 stainless steel junction box

Design Features

Indicator with ABS front panel, painted carbon steel rear housing and mounting bracket



Indicator with intuitive usage and sturdy metal housing.

Accumulation and printing capability via RS232.

IP67 alloy steel load cells.

Model	Capacity	Readability (d)	Platform (mm)	Item N°
DF32M1500BS	1500kg	500g	800 x 800 x 110	83997598
DF32M1500BR	1500kg	500g	1000 x 1000 x 110	83997597
DF32M1500BL	1500kg	500g	1200 x 1200 x 110	83997596
DF32M3000BL	3000kg	1000g	1200 x 1200 x 110	83997595
DF32M1500BLX	1500kg	500g	1200 x 1500 x 110	83997585
DF32M3000BLX	3000kg	1000g	1200 x 1500 x 110	83997584
DF32M1500BX	1500kg	500g	1500 x 1500 x 110	83997594
DF32M3000BX	3000kg	1000g	1500 x 1500 x 110	83997593

Accessories for Floor Scales

Accessories	DF 5000 Series Stainless Steel Floor Scales	DF 5000 Series Floor Scales	DF 3000 Series Floor Scales (i-DF33)	DF 3000 Series Floor Scales (DF32)	Item N°
Ramp DF Stainless Steel G1 800mm	•				22015473
Ramp DF Stainless Steel G1 1000mm	•				22015474
Ramp DF Stainless Steel G1 1250mm	•				22015475
Ramp DF Stainless Steel G1 1500mm	•				22015476
Pit Frame DF Stainless Steel G1S	•				22015493
Pit Frame DF Stainless Steel G1R	•				22015494
Pit Frame DF Stainless Steel G1LX	•				22015495
Pit Frame DF Stainless Steel G1X	•				22015496
Footplates DF Stainless Steel G1 Set (2)	•				22015581
Pit Frame DF Painted F1S		•			22015392
Pit Frame DF Painted F1R		•			22015393
Pit Frame DF Painted F1LX		•			22015394
Pit Frame DF Painted F1X		•			22015396
Pit Frame DF Painted F1XV		•			22015397
Ramp DF Painted F1 800mm		•			22015464
Ramp DF Painted F1 1000mm		•			22015465
Ramp DF Painted F1 1250mm		•			22015466
Ramp DF Painted F1 1500mm		•			22015467
Footplates DF Painted F1 Set (2)		•			22015499
Floor scale Column Kit Painted 980mm		•	•	•	30531244
Floor scale Column Kit SST 980mm	•		•	•	30539553
Ramp 800mm DF				•	80252722
Ramp 1000mm DF				•	80252723
Ramp 1200mm DF				•	80252724
Ramp 1500mm DF				•	80252725
Pit frame, 800mm for DF				•	83033708
Pit frame, 1000mm for DF				•	83033709
Pit frame, 1200mm for DF				•	83033710
Pit frame, 1200mm x 1500mm for DF				•	83033714
Pit frame, 1500mm for DF				•	83033711
Ramp, 1000mm, Painted, DF-B1			•		72198338
Ramp, 1250mm, Painted, DF-B1			•		72198339
Ramp, 1500mm, Painted, DF-B1			•		72198340
Ramp, 1000mm, SST, DF-C1			•		72198341
Ramp, 1250mm, SST, DF-C1			•		72198342
Ramp, 1500mm, SST, DF-C1			•		72198343
Foot plate kit, Painted, DF-B1			•		72198344
Foot plate kit, SST, DF-C1			•		72198345
Ethernet Kit i-DT33			•		30429666
USB Device Kit i-DT33			•		30699120
Dust Cover (5) i-DT33			•		30699121
Rechargeable Battery Kit i-DT33P			•		30699122
SF40A Printer	•	•	•	•	30064202
Cable RS232 i-DT33P			•		80500525
Cable RS232 i-DT33XW			•		80500552
LC Extension Cable, 3.5 m *1	•	•	•	•	30803566

1 Cannot be used for legal-for-trade applications



RRAMP DF STAINLESS STEEL G1 800MM
800MM 22015473



FOOTPLATES DF PAINTED F1 SET (2)
22015499



FLOOR SCALE COLUMN KIT PAINTED
980MM 30531244



FLOOR SCALE COLUMN KIT SST 980MM
30539553



FOOTPLATES DF STAINLESS STEEL G1 SET
(2) 22015581



RAMP 800MM DF
80252722



PIT FRAME DF STAINLESS STEEL G1R
22015494



PIT FRAME DF PAINTED F1S
22015392

DFP 5000 SERIES Pallet Scales

Prime German-Quality Pallet Scales Fulfill Even the Most Demanding Industry Applications

Application

Weighing, Parts Counting, Percent Weighing, Checkweighing, Dynamic Weighing (Display Hold), Filling

Display

Backlit Liquid Crystal Display (LCD), 256 x 80 pixels

Operation

Internal power supply with power cord (included) or rechargeable battery (sold separately as an accessory)

Communication

Easy access communication ports including RS232 and Micro SD slot (included), second RS232/RS485/USB device, Ethernet and WiFi/Bluetooth, Discrete I/O and Analog Output (sold separately as accessories); GLP/GMP data output with real-time clock

Construction DFP52XW

Stainless steel indicator IP68, bead-blasted stainless steel U-frame, IP67 stainless steel junction box, IP68 OIML R60 electro-polished stainless steel load cells

Construction DFP52P

ABS plastic indicator, black painted steel U-frame, IP67 stainless steel junction box, IP68 OIML R60 electro-polished stainless steel load cells

Design Features

Structural channel bracing and pendulum design feet with removable rubber cap, 150% overload protection. Checkweighing symbols with selectable operation and audible signal settings, menu lock switch, multiple selectable operating languages, selectable environmental and auto-print settings, stability indicator, overload/underload indicators, selectable adjust contrast settings, auto-dim display, auto-off, auto tare.



OHAUS Defender 5000 series Pallet Scale is equipped with new TD52 series indicator with an easy-to-use keypad, large backlit display and plain text on-screen prompts which guide you through operation.

The U-frame provides easy on-and-off loading of open-bottom pallets and containers, reducing risk of injury and over-exertion.

Four IP68 electro-polished stainless steel load cells that are laser-weld hermetically-sealed and OIML-certified are standard on all models.

Model	EC Type Approved	IP Dust and Water Protected	Capacity	Readability (d)	Readability (e)	Platform	Item N°
DFP52P600J1			600kg	100g		1256mm x 840mm	30525419
DFP52P1500J1			1500kg	200g		1256mm x 840mm	30525420
DFP52XW600K1-EU		•	600kg	100g		1256mm x 840mm	30525423
DFP52XW1500K1-EU		•	1500kg	200g		1256mm x 840mm	30525424
DFP52XW600K1-M	•	•	600kg		200g	1256mm x 840mm	30525453
DFP52XW1500K1-M	•	•	1500kg		500g	1256mm x 840mm	30525454
DFP52P600J1-M	•		600kg		200g	1256mm x 840mm	30525451
DFP52P1500J1-M	•		1500kg		500g	1256mm x 840mm	30525452
Accessories							Item N°
LC Extension Cable, 3.5 m *1							30803566

*1 Cannot be used for legal-for-trade applications

DFP 3000 SERIES Pallet Scales

Pallet Scales for Basic Industrial Applications



Application

Weighing, Checkweighing, Counting, Totalization

Display

7 Segment LCD with multicolor backlight

Operation

Internal power supply with power cord (included) or Rechargeable Battery (as standard with XW model, available as accessory for P model)

Communication

Standard RS232 and optional USB Device or Ethernet

Construction

DFP33XW

304-grade stainless steel IP66 indicator, stainless steel U-frame, IP65 stainless steel junction box, 4 IP67 OIML R60 stainless steel load cells, handle and front wheels, foot plate kit (accessories sold separately)

DFP33P

ABS plastic indicator, painted carbon steel U-frame, IP65 stainless steel junction box, 4 H8C IP67 OIML R60 alloy steel load cells, handle and front wheels, foot plate kit (accessories sold separately)

Design Features

Four load cell mounted feet with self-swiveling ball-in-cup design, painted and stainless steel floor stands (available as accessories).



Available in popular 1 500 kg capacity, painted carbon steel or 304 stainless steel models with handle and rollers for convenient lifting and relocation.

Four OIML R60 approved IP67 alloy steel or stainless steel load cells with self-swiveling ball-in-cup design feet to best suit your weighing needs.

Results are clearly shown on the large, bright backlit LCD display of the i-DT33 indicator. In Checkweighing mode, the display changes color (yellow/green/red) to alert users when within the target weight range.

Stainless Steel Pallet Scale with i-DT33XW Stainless Steel Indicator

Model	EC Type Approved	Capacity	Readability (d)	Readability (e)	Platform (mm)	Item N°
i-DFP33XW1500C1-EU		1500kg	500g		1260 x 840 x 90	30712896
i-DFP33XW1500C1-EU-M	•	1500kg		500g	1260 x 840 x 90	30764271

Painted Steel Pallet Scale with i-DT33P ABS Indicator

Model	EC Type Approved	Capacity	Readability (d)	Readability (e)	Platform (mm)	Item N°
i-DFP33P1500B1		1500kg	500g		1260 x 840 x 90	30712894
i-DFP33P1500B1-M	•	1500kg		500g	1260 x 840 x 90	30764269

Accessories	Item N°
Ethernet Kit i-DT33	30429666
USB Device Kit i-DT33	30699120
Dust Cover (5) i-DT33	30699121
Rechargeable Battery Kit i-DT33P	30699122
SF40A Printer	30064202
Cable RS232 i-DT33P	80500525
Cable RS232 i-DT33XW	80500552
Floor Scale Column Kit Painted	30531244
Floor Scale Column Kit SST	30539553
LC Extension Cable, 3.5 m *1	30803566

1 Cannot be used for legal-for-trade applications



ETHERNET KIT I-DT61XW
30429666



RECHARGEABLE BATTERY KITS
30699122



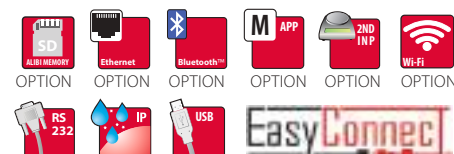
SF40A IMPACT PRINTER
30064202



FLOOR SCALE COLUMN KIT SST 980MM
30539553

DEFENDER™ 6000 Stainless Steel

Advanced IP68/IP69K Washdown Bench Scale



Application

Weighing, Counting with APW optimization, Percent Weighing, Checkweighing, Checkcounting, Filling, Dynamic Weighing/Display Hold

Display

6-digit, 7-segment white LED, 20 mm high digits

Operation

100-240 VAC / 50/60 Hz universal power supply, hardwired

Communication

Easy access communication ports including RS232 and USB host (included), second RS232/RS485/USB device, Ethernet and WiFi/Bluetooth, Discrete I/O and Analog output (sold separately as accessories); GLP/GMP data output with real-time clock

Construction

316 stainless steel platform and frame, hermetically-sealed, stainless steel load cell, IP68/IP69K 316 stainless steel housing indicator and mounting bracket, knife-resistant front panel

Design Features

150% overload capacity protection, bar matrix check light, customizable print templates, menu and key lock, selectable environmental and auto-print settings, stability indicator, overload/underload indicators, auto shut-off, auto tare, adjustable non-slip rubber feet



Defender 6000 stands up to harsh cleaning in processing and packaging environments with IP68 immersion/ IP69K washdown protection, 316 stainless steel construction and hermetically-sealed load cell.

Durable Defender 6000 is NSF certified, supporting HACCP systems with a 316 stainless steel base and sturdy indicator providing corrosion protection in food, chemical processing, and packaging.

Versatile scales include fast weight display and multiple software modes to meet food, chemical processing, and packaging needs.

Model	EC Type Approved	Capacity	Readability (d)	Readability (e)	Platform	Column	Item N°
i-D61XWE3K1S6-EU		3kg	0,5g		250mm x 250mm	260mm	30575556
i-D61XWE6K1S6-EU		6kg	0,5g		250mm x 250mm	260mm	30575557
i-D61XWE15K1R6-EU		15kg	1g		300mm x 300mm	260mm	30575558
i-D61XWE30K1R6-EU		30kg	2g		300mm x 300mm	260mm	30575559
i-D61XWE60K1L7-EU		60kg	5g		500mm x 400mm	670mm	30575560
i-D61XWE150K1L7-EU		150kg	10g		500mm x 400mm	670mm	30575561
i-D61XWE3K1S6-M	•	3kg		1g	250mm x 250mm	260mm	30612499
i-D61XWE6K1S6-M	•	6kg		2g	250mm x 250mm	260mm	30612500
i-D61XWE15K1R6-M	•	15kg		5g	300mm x 300mm	260mm	30612501
i-D61XWE30K1R6-M	•	30kg		10g	300mm x 300mm	260mm	30612502
i-D61XWE60K1L7-M	•	60kg		20g	500mm x 400mm	670mm	30612503
i-D61XWE150K1L7-M	•	150kg		50g	500mm x 400mm	670mm	30612504

DEFENDER™ 6000 Hybrid

Advanced IP68/IP69K Washdown Bench Scale



OPTION
EasyConnect

Application

Weighing, Counting with APW optimization, Percent Weighing, Checkweighing, Checkcounting, Dynamic Weighing/Display Hold

Display

6-digit, 7-segment LCD display with white backlight, 45 mm high digits

Operation

6 D (LR20) Batteries (Included)

Communication

Easy access IR communication kit (available as an accessory); GLP/GMP data output with real-time clock

Construction

316 stainless steel platform and frame, hermetically-sealed stainless steel load cell, IP68/IP69K food grade polycarbonate housing indicator and 316 stainless steel mounting bracket

Design Features

150% overload capacity protection, 3-colour check light bar, menu and key lock, selectable environmental and auto-print settings, stability indicator, overload/underload indicators, low battery indicator, auto shut-off, auto tare, adjustable rubber feet



Defender 6000 stands up to harsh cleaning in processing and packaging environments with IP68 immersion/ IP69K washdown protection, 316 stainless steel construction and hermetically-sealed load cell.

Durable Defender 6000 is NSF certified, supporting HACCP systems with a 316 stainless steel base and sturdy indicator providing corrosion protection in food, chemical processing, and packaging.

Versatile scales include fast weight display and multiple software modes to meet food, chemical processing, and packaging needs.

Model	EC Type Approved	Capacity	Readability (d)	Readability (e)	Platform	Column	Item N°
i-D61PW3K1S6		3kg	0,5g		250mm x 250mm	260mm	30575550
i-D61PW6K1S6		6kg	0,5g		250mm x 250mm	260mm	30575551
i-D61PW15K1R6		15kg	1g		300mm x 300mm	260mm	30575552
i-D61PW30K1R6		30kg	2g		300mm x 300mm	260mm	30575553
i-D61PW60K1L7		60kg	5g		500mm x 400mm	670mm	30575554
i-D61PW150K1L7		150kg	10g		500mm x 400mm	670mm	30575555
i-D61PW3K1S6-M	•	3kg		1g	250mm x 250mm	260mm	30612473
i-D61PW6K1S6-M	•	6kg		2g	250mm x 250mm	260mm	30612474
i-D61PW15K1R6-M	•	15kg		5g	300mm x 300mm	260mm	30612475
i-D61PW30K1R6-M	•	30kg		10g	300mm x 300mm	260mm	30612476
i-D61PW60K1L7-M	•	60kg		20g	500mm x 400mm	670mm	30612477
i-D61PW150K1L7-M	•	150kg		50g	500mm x 400mm	670mm	30612498

DEFENDER™ 6000 Front Mount

Advanced IP68/IP69K Washdown Bench Scale



Application

Weighing, Counting with APW optimization, Percent Weighing, Checkweighing, Checkcounting, Dynamic Weighing/Display Hold

Display

6-digit, 7-segment LCD display with white backlight, 45 mm high digits

Operation

6 D (LR20) Batteries (Included)

Communication

Easy access IR communication kit (available as an accessory); GLP/GMP data output with real-time clock

Construction

316 stainless steel platform and frame, hermetically-sealed stainless steel load cell, IP68/IP69K food grade polycarbonate housing indicator and 316 stainless steel mounting bracket

Design Features

150% overload capacity protection, 3-colour check light bar, menu and key lock, selectable environmental and auto-print settings, stability indicator, overload/underload indicators, low battery indicator, auto shut-off, auto tare, adjustable rubber feet



Defender 6000 stands up to harsh cleaning in processing and packaging environments with IP68 immersion/ IP69K washdown protection, 316 stainless steel construction and hermetically-sealed load cell.

Durable Defender 6000 is NSF certified, supporting HACCP systems with a 316 stainless steel base and sturdy indicator providing corrosion protection in food, chemical processing, and packaging.

Versatile scales include fast weight display and multiple software modes to meet food, chemical processing, and packaging needs.

Model	EC Type Approved	Capacity	Readability (d)	Readability (e)	Platform	Item N°
i-D61PW3K1S5		3kg	0,5g		250mm x 250mm	30608667
i-D61PW6K1S5		6kg	0,5g		250mm x 250mm	30608728
i-D61PW15K1R5		15kg	1g		300mm x 300mm	30608729
i-D61PW30K1R5		30kg	2g		300mm x 300mm	30608730
i-D61PW60K1L5		60kg	5g		500mm x 400mm	30608731
i-D61PW150K1L5		150kg	10g		500mm x 400mm	30608732
i-D61PW3K1S5-M	•	3kg		1g	250mm x 250mm	30612505
i-D61PW6K1S5-M	•	6kg		2g	250mm x 250mm	30612506
i-D61PW15K1R5-M	•	15kg		5g	300mm x 300mm	30612507
i-D61PW30K1R5-M	•	30kg		10g	300mm x 300mm	30612508
i-D61PW60K1L5-M	•	60kg		20g	500mm x 400mm	30612509
i-D61PW150K1L5-M	•	150kg		50g	500mm x 400mm	30612510

DEFENDER™ 6000 Accessories

Accessories	Item N°
Wi-Fi/Bluetooth Dongle i-DT61XW	30412537
Analog Output kit i-DT61XW *1	30424403
2 nd RS232/RS485/USB Device kit i-DT61XW *1	30424404
LC Extension Cable, 9 meters *2	30424409
M16 Gland with Ferrite	30379716
Light Tower, 3 Colors, 243mm, IP65 (Requires 30097591)	30424021
Discrete I/O with Relay (2 In/4 Out) i-DT61XW *1	30097591
Ethernet kit i-DT61XW	30429666
External power bank holder i-DT61XW (Requires external USB power bank)	30572907
Cable RS232 i-DT61XW	80500552
Column Kit 260 mm 316 stainless steel	30572908
Column Kit 670 mm 316 stainless steel	30572909
Front Mounting kit 316 SS i-DT61PW	30626654
Pan 305 x 305 mm 304 stainless steel	30427798
Pan 254 x 254 mm 304 stainless steel	30427799
IR communication kit i-DT61PW	30572910
Wheel kit SS Defender Series	30616409
Alibi Memory i-DT61XW	80500503
LC Extension Cable, 3.5 m *2	30803566

1 Only one of them can be used at the same time

2 Cannot be used for legal-for-trade applications



WI-FI/BLUETOOTH DONGLE I-DT61XW
30412537



ANALOG OUTPUT KIT I-DT61XW
30424403



2 ND RS232/RS485/USB DEVICE KIT
I-DT61XW 30424404



LC EXTENSION CABLE, 9 METERS
30424409



M16 GLAND WITH FERRITE
30379716



LIGHT TOWER, 3 COLORS, 243MM, IP65
30424021



DISCRETE I/O WITH RELAY (2 IN/4 OUT)
I-DT61XW 30097591



ETHERNET KIT I-DT61XW
30429666



EXTERNAL POWER BANK HOLDER
I-DT61XW 30572907



CABLE RS232 I-DT61XW
80500552



COLUMN KIT STAINLESS STEEL
30572908 30572909



FRONT MOUNTING KIT 316 SS I-DT61PW
30626654



PAN STAINLESS STEEL
30427798 30427799



IR COMMUNICATION KIT I-DT61PW
30572910



WHEEL KIT SS DEFENDER SERIES
30616409



ALIBI MEMORY I-DT61XW
80500503

DEFENDER™ 5000 Stainless Steel (Single Range)

Multifunctional Stainless Steel Bench Scale for Standard Industrial Applications

Application

Weighing, parts counting, percent weighing, check weighing, dynamic weighing (display hold), Filling

Display

Backlit Liquid Crystal Display (LCD), 256 x 80 pixels

Operation

Internal power supply with power cord (included) or rechargeable battery (sold separately as an accessory)

Communication

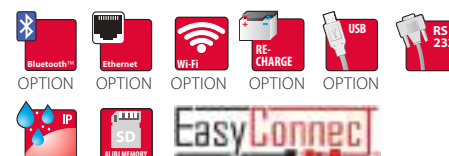
Easy access communication ports including RS232 and Micro SD slot (included), second RS232/RS485/USB device, Ethernet and WiFi/Bluetooth, discrete I/O and analog output (sold separately as accessories); GLP/GMP data output with real-time clock

Construction

304-grade stainless steel platform and frame, stainless steel IP68 indicator, IP67 stainless steel load cell, non-slip adjustable rubber feet

Design Features

Resolution up to dual range 15.000d/3000e, 150% overload capacity, checkweighing display and beep, menu lock switch, selectable display languages, selectable filter, stability indicator, overload/underload indicators, selectable display controls, auto print and tare



User-friendly model with an easy-to-use keypad, large backlit display and plain text on-screen prompts which guide you through operation.

Durably constructed of a stainless steel platform, frame & IP68 indicator; IP67 stainless steel loadcell (OIML/EC Type single range).

Features common industrial modes and supports a 50,000-item library with 1,000 user profiles for easy data management. Includes GMP/GLP with time/date for result traceability.

Model	EC Type Approved	Capacity	Readability (d)	Readability (e)	Platform	Column	Item N°
D52XW15WQR6-EU		15kg	1g		305mm x 305mm	350mm	30471130
D52XW15WQL7-EU		15kg	1g		400mm x 400mm	680mm	30471131
D52XW30WQL7-EU		30kg	2g		400mm x 400mm	680mm	30471132
D52XW60WQL7-EU		60kg	5g		400mm x 400mm	680mm	30471133
D52XW60WQX7-EU		60kg	5g		500mm x 500mm	680mm	30471134
D52XW150WQX7-EU		150kg	10g		500mm x 500mm	680mm	30471135
D52XW60WQV8-EU		60kg	5g		610mm x 610mm	980mm	30471136
D52XW150WQV8-EU		150kg	10g		610mm x 610mm	980mm	30471137
D52XW15WQR6-M	•	15kg		5g	305mm x 305mm	350mm	30471158
D52XW15WQL7-M	•	15kg		5g	400mm x 400mm	680mm	30471159
D52XW30WQL7-M	•	30kg		10g	400mm x 400mm	680mm	30471160
D52XW60WQL7-M	•	60kg		20g	400mm x 400mm	680mm	30471161
D52XW60WQX7-M	•	60kg		20g	500mm x 500mm	680mm	30471162
D52XW150WQX7-M	•	150kg		50g	500mm x 500mm	680mm	30471163
D52XW60WQV8-M	•	60kg		20g	610mm x 610mm	980mm	30471164
D52XW150WQV8-M	•	150kg		50g	610mm x 610mm	980mm	30471165

DEFENDER™5000 Stainless Steel (Dual Range)

Multifunctional Stainless Steel Bench Scale for Standard Industrial Applications

Application

Weighing, parts counting, percent weighing, check weighing, dynamic weighing (display hold), Filling

Display

Backlit Liquid Crystal Display (LCD), 256 x 80 pixels

Operation

Internal power supply with power cord (included) or rechargeable battery (sold separately as an accessory)

Communication

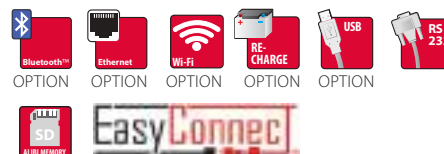
Easy access communication ports including RS232 and Micro SD slot (included), second RS232/RS485/USB device, Ethernet and WiFi/Bluetooth, Discrete I/O and analog output (sold separately as accessories); GLP/GMP data output with real-time clock

Construction

304-grade stainless steel platform and frame, stainless steel IP68 indicator, IP67 aluminium load cell, non-slip adjustable rubber feet

Design Features

Resolution up to dual range 15.000d/3000e, 150% overload capacity, check weighing display and beep, menu lock switch, selectable display languages, selectable filter, stability indicator, overload/underload indicators, selectable display controls, auto print and tare



User-friendly model with an easy-to-use keypad, large backlit display and plain text on-screen prompts which guide you through operation.

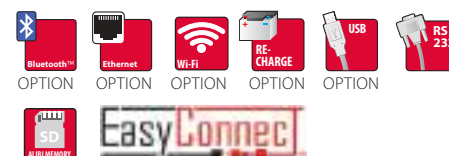
Durably constructed of a stainless steel platform, frame & IP 68 indicator; IP 67 aluminum load cell (OIML/EC Type dual range).

Features common industrial modes and supports a 50,000-item library with 1,000 user profiles for easy data management. Includes GMP/GLP with time/date for result traceability.

Model	EC Type Approved	Capacity	Readability (d)	Readability (e)	Platform	Column	Item N°
D52XW6WQDR6-EU		3kg / 6kg	0.2g / 0.5g		305mm x 305mm	350mm	30444791
D52XW15WQDR6-EU		6kg / 15kg	0.5g / 1g		305mm x 305mm	350mm	30444792
D52XW15WQDL7-EU		6kg / 15kg	0.5g / 1g		400mm x 400mm	680mm	30444793
D52XW30WQDL7-EU		15kg / 30kg	1g / 2g		400mm x 400mm	680mm	30444794
D52XW60WQDL7-EU		30kg / 60kg	2g / 5g		400mm x 400mm	680mm	30444795
D52XW60WQDX7-EU		30kg / 60kg	2g / 5g		500mm x 500mm	680mm	30444796
D52XW150WQDX7-EU		60kg / 150kg	5g / 10g		500mm x 500mm	680mm	30444797
D52XW60WQDV8-EU		30kg / 60kg	2g / 5g		610mm x 610mm	980mm	30444798
D52XW150WQDV8-EU		60kg / 150kg	5g / 10g		610mm x 610mm	980mm	30444799
D52XW300WQDV8-EU		150kg / 300kg	10g / 20g		610mm x 610mm	980mm	30444800
D52XW150WTDV8-EU		60kg / 150kg	5g / 10g		800mm x 600mm	980mm	30444801
D52XW300WTDV8-EU		150kg / 300kg	10g / 20g		800mm x 600mm	980mm	30444802
D52XW600WTDV8-EU		300kg / 600kg	20g / 50g		800mm x 600mm	980mm	30444803
D52XW6WQDR6-M	•	3kg / 6kg		1g / 2g	305mm x 305mm	350mm	30461436
D52XW15WQDR6-M	•	6kg / 15kg		2g / 5g	305mm x 305mm	350mm	30461437
D52XW15WQDL7-M	•	6kg / 15kg		2g / 5g	400mm x 400mm	680mm	30461568
D52XW30WQDL7-M	•	15kg / 30kg		5g / 10g	400mm x 400mm	680mm	30461569
D52XW60WQDL7-M	•	30kg / 60kg		10g / 20g	400mm x 400mm	680mm	30461570
D52XW60WQDX7-M	•	30kg / 60kg		10g / 20g	500mm x 500mm	680mm	30461571
D52XW150WQDX7-M	•	60kg / 150kg		20g / 50g	500mm x 500mm	680mm	30461572
D52XW60WQDV8-M	•	30kg / 60kg		10g / 20g	610mm x 610mm	980mm	30461573
D52XW150WQDV8-M	•	60kg / 150kg		20g / 50g	610mm x 610mm	980mm	30461574
D52XW300WQDV8-M	•	150kg / 300kg		50g / 100g	610mm x 610mm	980mm	30461575
D52XW150WTDV8-M	•	60kg / 150kg		20g / 50g	800mm x 600mm	980mm	30461576
D52XW300WTDV8-M	•	150kg / 300kg		50g / 100g	800mm x 600mm	980mm	30461577
D52XW600WTDV8-M	•	300kg / 600kg		100g / 200g	800mm x 600mm	980mm	30461578

DEFENDER™ 5000 Hybrid

Multifunctional Bench Scale for Standard Industrial Applications



Application

Weighing, parts counting, percent weighing, check weighing, dynamic weighing (display hold), Filling

Display

Backlit Liquid Crystal Display (LCD), 256 x 80 pixels

Operation

Internal power supply with power cord (included) or rechargeable battery (sold separately as an accessory)

Communication

Easy access communication ports including RS232 and Micro SD slot (included), second RS232/RS485/USB device, Ethernet and WiFi/Bluetooth, Discrete I/O and Analog Output (sold separately as accessories); GLP/GMP data output with real-time clock

Construction

IP68 stainless steel indicator, 304-grade stainless steel platform with sand gray powder-coated steel frame, IP67 aluminium load cell, non-slip adjustable rubber feet

Design Features

User-configurable resolution up to dual range 15,000d/3,000e, 150% overload capacity protection, check weighing symbols with selectable operation and audible signal settings, menu lock switch, multiple selectable operating languages, selectable environmental and auto-print settings, auto tare



User-friendly model with an easy-to-use keypad, large backlit display and plain text on-screen prompts which guide you through operation.

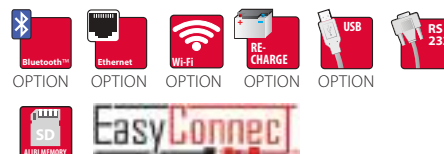
Durable construction with a stainless steel platform, sand gray powder-coated steel frame & aluminum load cell. Defender meets OIML/EC type approvals.

Features common industrial modes and supports a 50,000-item library with 1,000 user profiles for easy data management. Includes GMP/GLP with time/date for result traceability.

Model	EC Type Approved	Capacity	Readability (d)	Readability (e)	Platform	Column	Item N°
D52XW6RQDR1-EU		3kg / 6kg	0.2g / 0.5g		305mm x 305mm	350mm	30444804
D52XW15RQDR1-EU		6kg / 15kg	0.5g / 1g		305mm x 305mm	350mm	30444805
D52XW15RQDL2-EU		6kg / 15kg	0.5g / 1g		400mm x 400mm	680mm	30444806
D52XW30RQDL2-EU		15kg / 30kg	1g / 2g		400mm x 400mm	680mm	30444807
D52XW60RQDL2-EU		30kg / 60kg	2g / 5g		400mm x 400mm	680mm	30444808
D52XW60RQDX2-EU		30kg / 60kg	2g / 5g		500mm x 500mm	680mm	30444809
D52XW150RQDX2-EU		60kg / 150kg	5g / 10g		500mm x 500mm	680mm	30444810
D52XW60RQDV3-EU		30kg / 60kg	2g / 5g		610mm x 610mm	980mm	30444811
D52XW150RQDV3-EU		60kg / 150kg	5g / 10g		610mm x 610mm	980mm	30444812
D52XW300RQDV3-EU		150kg / 300kg	10g / 20g		610mm x 610mm	980mm	30444813
D52XW150RTDV3-EU		60kg / 150kg	5g / 10g		800mm x 600mm	980mm	30444814
D52XW300RTDV3-EU		150kg / 300kg	10g / 20g		800mm x 600mm	980mm	30444815
D52XW600RTDV3-EU		300kg / 600kg	20g / 50g		800mm x 600mm	980mm	30444816
D52XW6RQDR1-M	•	3kg / 6kg		1g / 2g	305mm x 305mm	350mm	30461579
D52XW15RQDR1-M	•	6kg / 15kg		2g / 5g	305mm x 305mm	350mm	30461580
D52XW15RQDL2-M	•	6kg / 15kg		2g / 5g	400mm x 400mm	680mm	30461581
D52XW30RQDL2-M	•	15kg / 30kg		5g / 10g	400mm x 400mm	680mm	30461582
D52XW60RQDL2-M	•	30kg / 60kg		10g / 20g	400mm x 400mm	680mm	30461583
D52XW60RQDX2-M	•	30kg / 60kg		10g / 20g	500mm x 500mm	680mm	30461584
D52XW150RQDX2-M	•	60kg / 150kg		20g / 50g	500mm x 500mm	680mm	30461585
D52XW60RQDV3-M	•	30kg / 60kg		10g / 20g	610mm x 610mm	980mm	30461586
D52XW150RQDV3-M	•	60kg / 150kg		20g / 50g	610mm x 610mm	980mm	30461587
D52XW300RQDV3-M	•	150kg / 300kg		50g / 100g	610mm x 610mm	980mm	30461588
D52XW150RTDV3-M	•	60kg / 150kg		20g / 50g	800mm x 600mm	980mm	30461589
D52XW300RTDV3-M	•	150kg / 300kg		50g / 100g	800mm x 600mm	980mm	30461590
D52XW600RTDV3-M	•	300kg / 600kg		100g / 200g	800mm x 600mm	980mm	30461591

DEFENDER™5000 Standard

Multifunctional Bench Scale for Standard Industrial Applications



Application

Weighing, parts counting, percent weighing, check weighing, dynamic weighing (display hold), Filling

Display

Backlit Liquid Crystal Display (LCD), 256 x 80 pixels

Operation

Internal power supply with power cord (included) or rechargeable battery (sold separately as an accessory)

Communication

Easy access communication ports including RS232 and Micro SD slot (included), second RS232/RS485/USB device, Ethernet and WiFi/Bluetooth, discrete I/O and analog output (sold separately as accessories); GLP/GMP data output with real-time clock

Construction

ABS plastic indicator, 304-grade stainless steel platform with sand gray powder-coated steel frame, IP67 aluminium load cell, non-slip adjustable rubber feet

Design Features

User-configurable resolution up to dual range 15,000d/3,000e, 150% overload capacity protection, check weighing symbols with selectable operation and audible signal settings, menu lock switch, multiple selectable operating languages, selectable environmental and auto-print settings, auto tare



User-friendly model with an easy-to-use keypad, large backlit display and plain text on-screen prompts which guide you through operation.

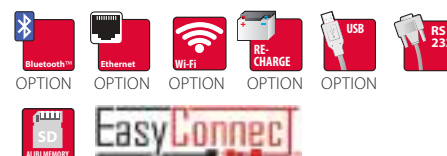
Durable construction with a stainless steel platform, sand gray powder-coated steel frame & aluminum load cell. Defender meets OIML/EC type approvals.

Features common industrial modes and supports a 50,000-item library with 1,000 user profiles for easy data management. Includes GMP/GLP with time/date for result traceability.

Model	EC Type Approved	Capacity	Readability (d)	Readability (e)	Platform	Column	Item N°
D52P6RQDR1		3kg / 6kg	0.2g / 0.5g		305mm x 305mm	350mm	30424312
D52P15RQDR1		6kg / 15kg	0.5g / 1g		305mm x 305mm	350mm	30424313
D52P15RQDL2		6kg / 15kg	0.5g / 1g		400mm x 400mm	680mm	30424314
D52P30RQDL2		15kg / 30kg	1g / 2g		400mm x 400mm	680mm	30424315
D52P60RQDL2		30kg / 60kg	2g / 5g		400mm x 400mm	680mm	30424316
D52P60RQDX2		30kg / 60kg	2g / 5g		500mm x 500mm	680mm	30424317
D52P150RQDX2		60kg / 150kg	5g / 10g		500mm x 500mm	680mm	30424318
D52P60RQDV3		30kg / 60kg	2g / 5g		610mm x 610mm	980mm	30424319
D52P150RQDV3		60kg / 150kg	5g / 10g		610mm x 610mm	980mm	30424320
D52P300RQDV3		150kg / 300kg	10g / 20g		610mm x 610mm	980mm	30424321
D52P150RTDV3		60kg / 150kg	5g / 10g		800mm x 600mm	980mm	30424322
D52P300RTDV3		150kg / 300kg	10g / 20g		800mm x 600mm	980mm	30424323
D52P600RTDV3		300kg / 600kg	20g / 50g		800mm x 600mm	980mm	30424324
D52P6RQDR1-M	•	3kg / 6kg		1g / 2g	305mm x 305mm	350mm	30461545
D52P15RQDR1-M	•	6kg / 15kg		2g / 5g	305mm x 305mm	350mm	30461546
D52P15RQDL2-M	•	6kg / 15kg		2g / 5g	400mm x 400mm	680mm	30461547
D52P30RQDL2-M	•	15kg / 30kg		5g / 10g	400mm x 400mm	680mm	30461548
D52P60RQDL2-M	•	30kg / 60kg		10g / 20g	400mm x 400mm	680mm	30461549
D52P60RQDX2-M	•	30kg / 60kg		10g / 20g	500mm x 500mm	680mm	30461550
D52P150RQDX2-M	•	60kg / 150kg		20g / 50g	500mm x 500mm	680mm	30461551
D52P60RQDV3-M	•	30kg / 60kg		10g / 20g	610mm x 610mm	980mm	30461552
D52P150RQDV3-M	•	60kg / 150kg		20g / 50g	610mm x 610mm	980mm	30461553
D52P300RQDV3-M	•	150kg / 300kg		50g / 100g	610mm x 610mm	980mm	30461554
D52P150RTDV3-M	•	60kg / 150kg		20g / 50g	800mm x 600mm	980mm	30461555
D52P300RTDV3-M	•	150kg / 300kg		50g / 100g	800mm x 600mm	980mm	30461556
D52P600RTDV3-M	•	300kg / 600kg		100g / 200g	800mm x 600mm	980mm	30461557

DEFENDER™ 5000 Front Mount

Multifunctional Stainless Steel Bench Scale for Standard Industrial Applications



Application

Weighing, parts counting, percent weighing, check weighing, dynamic weighing (display hold), Filling

Display

Backlit Liquid Crystal Display (LCD), 256 x 80 pixels

Operation

Internal power supply with power cord (included) or rechargeable battery (sold separately as an accessory)

Communication

Easy access communication ports including RS232 and Micro SD slot (included), second RS232/RS485/USB device, Ethernet and WiFi/Bluetooth, discrete I/O and analog output (sold separately as accessories); GLP/GMP data output with real-time clock

Construction

304-grade stainless steel platform, frame and handle, stainless steel IP68 indicator, IP67 aluminium (for dual range models) or stainless steel load cell (for single range models), non-slip adjustable rubber feet

Design Features

Resolution up to dual range 15.000d/3000e, 150% overload capacity, check weighing display and beep, menu lock switch, selectable display languages, selectable filter, stability indicator, overload/underload indicators, selectable display controls, auto print and tare



User-friendly model with an easy-to-use keypad, large backlit display and plain text on-screen prompts which guide you through operation.

Durably constructed of a stainless steel platform, handle, frame & IP68 indicator; IP67 stainless steel load cell (OIML/EC Type single range) or aluminium load cell (OIML/EC Type dual range).

Features common industrial modes and supports a 50,000-item library with 1,000 user profiles for easy data management. Includes GMP/GLP with time/date for result traceability.

Dual range with aluminium load cell

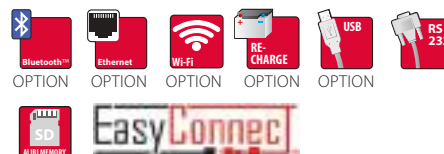
Model	EC Type Approved	Capacity	Readability (d)	Readability (e)	Platform	Item N°
D52XW6WQDR5-EU		3kg / 6kg	0.2g / 0.5g		305mm x 305mm	30444765
D52XW15WQDR5-EU		6kg / 15kg	0.5g / 1g		305mm x 305mm	30444766
D52XW15WQDL5-EU		6kg / 15kg	0.5g / 1g		400mm x 400mm	30444767
D52XW30WQDL5-EU		15kg / 30kg	1g / 2g		400mm x 400mm	30444788
D52XW60WQDL5-EU		30kg / 60kg	2g / 5g		400mm x 400mm	30444789
D52XW60WQDX5-EU		30kg / 60kg	2g / 5g		500mm x 500mm	30444790
D52XW150WQDX5-EU		60kg / 150kg	5g / 10g		500mm x 500mm	30461428
D52XW6WQDR5-M	•	3kg / 6kg		1g / 2g	305mm x 305mm	30461565
D52XW15WQDR5-M	•	6kg / 15kg		2g / 5g	305mm x 305mm	30461566
D52XW15WQDL5-M	•	6kg / 15kg		2g / 5g	400mm x 400mm	30461431
D52XW30WQDL5-M	•	15kg / 30kg		5g / 10g	400mm x 400mm	30461432
D52XW60WQDL5-M	•	30kg / 60kg		10g / 20g	400mm x 400mm	30461433
D52XW60WQDX5-M	•	30kg / 60kg		10g / 20g	500mm x 500mm	30461434
D52XW150WQDX5-M	•	60kg / 150kg		20g / 50g	500mm x 500mm	30461435

Single range with stainless steel load cell

Model	EC Type Approved	Capacity	Readability (d)	Readability (e)	Platform	Item N°
D52XW15WQR5-EU		15kg	1g		305mm x 305mm	30471124
D52XW15WQL5-EU		15kg	1g		400mm x 400mm	30471125
D52XW30WQL5-EU		30kg	2g		400mm x 400mm	30471126
D52XW60WQL5-EU		60kg	5g		400mm x 400mm	30471127
D52XW60WQX5-EU		60kg	5g		500mm x 500mm	30471128
D52XW150WQX5-EU		150kg	10g		500mm x 500mm	30471129
D52XW15WQR5-M	•	15kg		5g	305mm x 305mm	30471152
D52XW15WQL5-M	•	15kg		5g	400mm x 400mm	30471153
D52XW30WQL5-M	•	30kg		10g	400mm x 400mm	30471154
D52XW60WQL5-M	•	60kg		20g	400mm x 400mm	30471155
D52XW60WQX5-M	•	60kg		20g	500mm x 500mm	30471156
D52XW150WQX5-M	•	150kg		50g	500mm x 500mm	30471157

DEFENDER™5000 Front Mount

Multifunctional Bench Scale for Standard Industrial Applications



Application

Weighing, parts counting, percent weighing, check weighing, dynamic weighing (display hold), Filling

Display

Backlit Liquid Crystal Display (LCD), 256 x 80 pixels

Operation

Internal power supply with power cord (included) or rechargeable battery (sold separately as an accessory)

Communication

Easy access communication ports including RS232 and Micro SD slot (included), second RS232/RS485/USB device, Ethernet and WiFi/Bluetooth, discrete I/O and analog output (sold separately as accessories); GLP/GMP data output with real-time clock

Construction

ABS plastic (TD52P) or stainless steel IP68(TD52XW) indicator, 304-grade stainless steel platform and handle with sand gray powder-coated steel frame, IP67 aluminium load cell, non-slip adjustable rubber feet

Design Features

User-configurable resolution up to dual range 15,000d/3,000e, 150% overload capacity protection, check weighing symbols with selectable operation and audible signal settings, menu lock switch, multiple selectable operating languages, selectable environmental and auto-print settings, auto tare



User-friendly model with an easy-to-use keypad, large backlit display and plain text on-screen prompts which guide you through operation.

Durable construction with a stainless steel platform and handle, sand gray powder-coated steel frame & aluminum load cell. Defender meets OIML/EC type approvals (depending on region).

Features common industrial modes and supports a 50,000-item library with 1,000 user profiles for easy data management. Includes GMP/GLP with time/date for result traceability.

With TD52P ABS Indicator

Model	EC Type Approved	Capacity	Readability (d)	Readability (e)	Platform	Item N°
D52P6RQDR5		3kg / 6kg	0.2g / 0.5g		305mm x 305mm	30424325
D52P15RQDR5		6kg / 15kg	0.5g / 1g		305mm x 305mm	30424326
D52P15RQDL5		6kg / 15kg	0.5g / 1g		400mm x 400mm	30424327
D52P30RQDL5		15kg / 30kg	1g / 2g		400mm x 400mm	30444761
D52P60RQDL5		30kg / 60kg	2g / 5g		400mm x 400mm	30444762
D52P60RQDX5		30kg / 60kg	2g / 5g		500mm x 500mm	30444763
D52P150RQDX5		60kg / 150kg	5g / 10g		500mm x 500mm	30444764
D52P6RQDR5-M	•	3kg / 6kg		1g / 2g	305mm x 305mm	30461558
D52P15RQDR5-M	•	6kg / 15kg		2g / 5g	305mm x 305mm	30461559
D52P15RQDL5-M	•	6kg / 15kg		2g / 5g	400mm x 400mm	30461560
D52P30RQDL5-M	•	15kg / 30kg		5g / 10g	400mm x 400mm	30461561
D52P60RQDL5-M	•	30kg / 60kg		10g / 20g	400mm x 400mm	30461562
D52P60RQDX5-M	•	30kg / 60kg		10g / 20g	500mm x 500mm	30461563
D52P150RQDX5-M	•	60kg / 150kg		20g / 50g	500mm x 500mm	30461564

With TD52XW Stainless Steel Indicator

Model	EC Type Approved	Capacity	Readability (d)	Readability (e)	Platform	Item N°
D52XW6RQDR5		3kg / 6kg	0.2g / 0.5g		305mm x 305mm	30498216
D52XW15RQDR5		6kg / 15kg	0.5g / 1g		305mm x 305mm	30498217
D52XW15RQDL5		6kg / 15kg	0.5g / 1g		400mm x 400mm	30498498
D52XW30RQDL5		15kg / 30kg	1g / 2g		400mm x 400mm	30498499
D52XW60RQDL5		30kg / 60kg	2g / 5g		400mm x 400mm	30498500
D52XW60RQDX5		30kg / 60kg	2g / 5g		500mm x 500mm	30498501
D52XW150RQDX5		60kg / 150kg	5g / 10g		500mm x 500mm	30498502
D52XW6RQDR5-M	•	3kg / 6kg		1g / 2g	305mm x 305mm	30461610
D52XW15RQDR5-M	•	6kg / 15kg		2g / 5g	305mm x 305mm	30461611
D52XW15RQDL5-M	•	6kg / 15kg		2g / 5g	400mm x 400mm	30461612
D52XW30RQDL5-M	•	15kg / 30kg		5g / 10g	400mm x 400mm	30461613
D52XW60RQDL5-M	•	30kg / 60kg		10g / 20g	400mm x 400mm	30461614
D52XW60RQDX5-M	•	30kg / 60kg		10g / 20g	500mm x 500mm	30461615
D52XW150RQDX5-M	•	60kg / 150kg		20g / 50g	500mm x 500mm	30461616

DEFENDER™5000 Accessories

Accessories	Item N°
WiFi/BT Dongle, OHAUS (Requires 30424406)	30412537
Analog Output Kit, TD52 *3	30424403
2nd RS232/RS485/USB, TD52 *3	30424404
Battery Kit, Li-ion, TD52	30424405
USB Host for Dongle, TD52 *2	30424406
Light Tower, R-Y-G, IP65, 243 mm, 24VDC (Requires 30097591)	30424021
In-use Cover Set, TD52P	30424022
In-use Cover Set, TD52XW	30424023
In-use Cover Set (10), TD52P	30469948
In-use Cover Set (10), TD52XW	30469949
Wall Mount Kit, SST, TD52XW	30424026
Wall Mount Kit, CS, TD52P	30424027
LC Extension Cable, 9 meters, D52 *1	30424409
M16 Gland with Ferrite, to TD52	30379716
Micro SD Card, 8G	30303533
I/O with Relay (2 In/4 Out) *3	30097591
Ethernet Kit, D52 *2	30429666
Carrying Handle Kit, D52xx	30424024
Printer Holder Kit, D52xx	30424025
Cable Assembly 6m to J-box DF52	30424408
Column Kit, 35 cm, CS, D52xx	30424410
Column Kit, 68 cm, CS, D52xx	30424411
Column Kit, 98 cm, CS, D52xx	30424412
Column Kit, 35 cm, SST, D52xx	30424413
Column Kit, 68 cm, SST, D52xx	30424414
Column Kit, 98 cm, SST, D52xx	30424415
Cable Kit, Extension for base, D52	30429931
Wheel Kit, Defender Series (up to 300 kg models) *4	30372146
USB Host for Flash Drive *2	30572923
Interface Kit RS232-USB *5	30304101
Interface Kit RS232-Ethernet *5	30304102
Cable, RS232, 1.5m, to connect a reference balance *6	30057595
LC Extension Cable, 3.5 m *1	30803566

1 Cannot be used for legal-for-trade applications

2 Only one of them can be used at the same time

3 Only one of them can be used at the same time

4 Not available for models with 600 kg capacity

5 Suitable for all Defender scales and Terminals equipped with RS232

6 Reference Balance automatically accepts higher-precision APW data from a scale through the included RRS232 port



ANALOG OUTPUT KIT, TD52
30424403



WIFI/BT DONGLE, OHAUS
30412537



2ND RS232/RS485/USB, TD52
30424404



BATTERY KIT, LI-ION, TD52
30424405



USB HOST FOR DONGLE, TD52
30424406



LIGHT TOWER, R-Y-G, IP65, 243 MM,
24VDC 30424021



I/O WITH RELAY (2 IN/4 OUT)
30097591



PRINTER HOLDER KIT
30424025



WHEEL KIT, DEFENDER SERIES
30372146



INTERFACE KIT RS232-USB
30304101



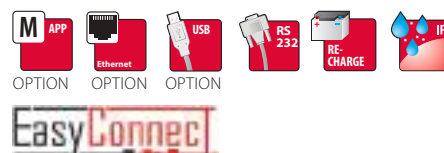
CABLE KIT, EXTENSION FOR BASE
30429931



COLUMN KIT, CS

DEFENDER™3000 Stainless Steel

All stainless steel modular scale for washdown environments



Application

Weighing, Checkweighing, Counting, Totalization.

Display

7 Segment LCD with multicolour backlight

Operation

Power cord (included) or Rechargeable Battery (included)

Communication

Standard RS232 and optional USB Device or Ethernet

Construction

304-grade stainless steel platform and frame, stainless steel IP66 indicator, stainless steel IP67 load cell, non-slip adjustable rubber feet

Design Features

150% overload protection



Results are clearly shown using the large, bright backlit LCD display. In Checkweighing mode display changes colour (yellow/green/red) to alert when within the target weight range.

This tough industrial scale features a 304-stainless steel platform and frame, IP67 load cell. Indicator features an IP66 washdown protected 304-stainless steel housing with mounting bracket.

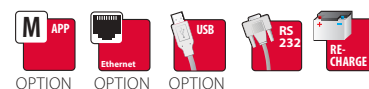
Features software for Parts Counting, Checkweighing and Totalization. Includes RS232 with optional USB Device or Ethernet for printing or data connectivity. Approved models are equipped with EasyConnect™ solution.

Model	EC Type Approved	Capacity	Readability (d)	Readability (e)	Platform	Column	Item N°
i-D33XW15C1R6-EU		15kg	2g		305mm x 355mm	330mm	30684775
i-D33XW30C1R6-EU		30kg	5g		305mm x 355mm	330mm	30684776
i-D33XW60C1R6-EU		60kg	10g		305mm x 355mm	330mm	30684777
i-D33XW60C1L7-EU		60kg	10g		420mm x 550mm	680mm	30684778
i-D33XW150C1L7-EU		150kg	20g		420mm x 550mm	680mm	30684779
i-D33XW150C1X7-EU		150kg	20g		500mm x 650mm	680mm	30684780
i-D33XW300C1X7-EU		300kg	50g		500mm x 650mm	680mm	30684781
i-D33XW15C1R6EU-M	•	15kg		5g	305mm x 355mm	330mm	30685134
i-D33XW30C1R6EU-M	•	30kg		10g	305mm x 355mm	330mm	30685135
i-D33XW60C1R6EU-M	•	60kg		20g	305mm x 355mm	330mm	30685136
i-D33XW60C1L7EU-M	•	60kg		20g	420mm x 550mm	680mm	30685137
i-D33XW150C1L7EU-M	•	150kg		50g	420mm x 550mm	680mm	30685138
i-D33XW150C1X7EU-M	•	150kg		50g	500mm x 650mm	680mm	30685139
i-D33XW300C1X7EU-M	•	300kg		100g	500mm x 650mm	680mm	30685140
i-D33XW15C1R5-EU		15kg	2g		305mm x 355 mm	-	30684782
i-D33XW30C1R5-EU		30kg	5g		305mm x 355 mm	-	30684783
i-D33XW60C1R5-EU		60kg	10g		305mm x 355 mm	-	30685078
i-D33XW60C1L5-EU		60kg	10g		420mm x 550 mm	-	30685079
i-D33XW150C1L5-EU		150kg	20g		420mm x 550 mm	-	30685080
i-D33XW150C1X5-EU		150kg	20g		500mm x 650 mm	-	30685081
i-D33XW300C1X5-EU		300kg	50g		500mm x 650 mm	-	30685082
i-D33XW15C1R5EU-M	•	15kg		5g	305mm x 355 mm	-	30685141
i-D33XW30C1R5EU-M	•	30kg		10g	305mm x 355 mm	-	30685142
i-D33XW60C1R5EU-M	•	60kg		20g	305mm x 355 mm	-	30685143
i-D33XW60C1L5EU-M	•	60kg		20g	420mm x 550 mm	-	30685144
i-D33XW150C1L5EU-M	•	150kg		50g	420mm x 550 mm	-	30685145
i-D33XW150C1X5EU-M	•	150kg		50g	500mm x 650 mm	-	30685146
i-D33XW300C1X5EU-M	•	300kg		100g	500mm x 650 mm	-	30685147

Handle

DEFENDER™3000 Hybrid

The modular scale for industrial environments



EasyConnect

Application

Weighing, Checkweighing, Counting, Totalization

Display

7 Segment LCD with multicolour backlight

Operation

Power cord (included), or Rechargeable Battery (included)

Communication

Standard RS232 and optional USB Device or Ethernet

Construction Hybrid

Stainless steel indicator, 304-stainless steel platform, powder-coated steel tubular frame, aluminum load cell, non-slip adjustable rubber feet

Design Features

150% overload protection



Results are clearly shown using the large bright backlit LCD display. In Checkweighing mode display changes colour (yellow/green/red) to alert when within the target weight range.

This industrial scale features a 304 stainless steel platform, powder-coated steel tubular frame, and IP65 aluminum load cell. Indicator features a stainless steel housing and mounting bracket.

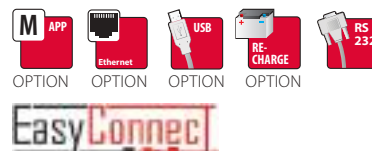
Features software for Parts Counting, Checkweighing and Totalization. Includes RS232 with optional USB Device or Ethernet for printing or data connectivity. Approved models are equipped with EasyConnect™ solution.

Model	EC Type Approved	Capacity	Readability (d)	Readability (e)	Platform	Column	Item N°
i-D33XW15B1R1-EU		15kg	2g		305mm x 355mm	330mm	30685244
i-D33XW30B1R1-EU		30kg	5g		305mm x 355mm	330mm	30685245
i-D33XW60B1R1-EU		60kg	10g		305mm x 355mm	330mm	30685246
i-D33XW60B1L2-EU		60kg	10g		420mm x 550mm	680mm	30685247
i-D33XW150B1L2-EU		150kg	20g		420mm x 550mm	680mm	30685248
i-D33XW150B1X2-EU		150kg	20g		500mm x 650mm	680mm	30685249
i-D33XW300B1X2-EU		300kg	50g		500mm x 650mm	680mm	30685250
i-D33XW300B1V3-EU		300kg	50g		600mm x 800mm	980mm	30685251
i-D33XW600B1V3-EU		600kg	100g		600mm x 800mm	980mm	30685252
i-D33XW15B1R1EU-M	•	15kg		5g	305mm x 355mm	330mm	30685262
i-D33XW30B1R1EU-M	•	30kg		10g	305mm x 355mm	330mm	30685263
i-D33XW60B1R1EU-M	•	60kg		20g	305mm x 355mm	330mm	30685264
i-D33XW60B1L2EU-M	•	60kg		20g	420mm x 550mm	680mm	30685265
i-D33XW150B1L2EU-M	•	150kg		50g	420mm x 550mm	680mm	30685266
i-D33XW150B1X2EU-M	•	150kg		50g	500mm x 650mm	680mm	30685267
i-D33XW300B1X2EU-M	•	300kg		100g	500mm x 650mm	680mm	30685268
i-D33XW300B1V3EU-M	•	300kg		100g	600mm x 800mm	980mm	30685269
i-D33XW600B1V3EU-M	•	600kg		200g	600mm x 800mm	980mm	30685270
i-D33XW15B1R5-EU		15kg	2g		305mm x 355mm	-	30685253
i-D33XW30B1R5-EU		30kg	5g		305mm x 355mm	-	30685254
i-D33XW60B1R5-EU		60kg	10g		305mm x 355mm	-	30685255
i-D33XW60B1L5-EU		60kg	10g		420mm x 550mm	-	30685256
i-D33XW150B1L5-EU		150kg	20g		420mm x 550mm	-	30685257
i-D33XW150B1X5-EU		150kg	20g		500mm x 650mm	-	30685258
i-D33XW300B1X5-EU		300kg	50g		500mm x 650mm	-	30685259
i-D33XW15B1R5EU-M	•	15kg		5g	305mm x 355mm	-	30685271
i-D33XW30B1R5EU-M	•	30kg		10g	305mm x 355mm	-	30685272
i-D33XW60B1R5EU-M	•	60kg		20g	305mm x 355mm	-	30685273
i-D33XW60B1L5EU-M	•	60kg		20g	420mm x 550mm	-	30685274
i-D33XW150B1L5EU-M	•	150kg		50g	420mm x 550mm	-	30685275
i-D33XW150B1X5EU-M	•	150kg		50g	500mm x 650mm	-	30685276
i-D33XW300B1X5EU-M	•	300kg		100g	500mm x 650mm	-	30685277

Handle

DEFENDER™3000 Standard

The best selling modular scale for basic industrial needs



Application

Weighing, Checkweighing, Counting, Totalization.

Display

7 Segment LCD with multicolour backlight

Operation

Power cord (included), 6C (LR14) Batteries (not included) or Rechargeable Battery (not included)

Communication

Standard RS232 and optional USB Device or Ethernet

Construction

ABS plastic indicator, 304-stainless steel platform, powder-coated steel tubular frame, aluminum load cell, non-slip adjustable rubber feet

Design Features

150% overload protection



Results are clearly shown using the large, bright backlit LCD display. In Checkweighing mode display changes colour (yellow/green/red) to alert when within the target weight range.

This tough industrial scale features a 304-stainless steel platform, powder-coated steel tubular frame, and IP65 aluminum load cell. Indicator features a durable ABS housing and steel mounting bracket.

Features software for Parts Counting, Checkweighing and Totalization. Includes RS232 with optional USB Device or Ethernet for printing or data connectivity. Approved models are equipped with EasyConnect™ solution.

Model	EC Type Approved	Capacity	Readability (d)	Readability (e)	Platform	Column	Item N°
i-D33P15B1R1		15kg	2g		305mm x 355mm	330mm	30684738
i-D33P30B1R1		30kg	5g		305mm x 355mm	330mm	30684739
i-D33P60B1R1		60kg	10g		305mm x 355mm	330mm	30684740
i-D33P60B1L2		60kg	10g		420mm x 550mm	680mm	30684744
i-D33P150B1L2		150kg	20g		420mm x 550mm	680mm	30684745
i-D33P150B1X2		150kg	20g		500mm x 650mm	680mm	30684748
i-D33P300B1X2		300kg	50g		500mm x 650mm	680mm	30684749
i-D33P300B1V3		300kg	50g		600mm x 800mm	980mm	30684752
i-D33P600B1V3		600kg	100g		600mm x 800mm	980mm	30684753
i-D33P15B1R1-M	•	15kg		5g	305mm x 355mm	330mm	30685098
i-D33P30B1R1-M	•	30kg		10g	305mm x 355mm	330mm	30685099
i-D33P60B1R1-M	•	60kg		20g	305mm x 355mm	330mm	30685100
i-D33P60B1L2-M	•	60kg		20g	420mm x 550mm	680mm	30685104
i-D33P150B1L2-M	•	150kg		50g	420mm x 550mm	680mm	30685105
i-D33P150B1X2-M	•	150kg		50g	500mm x 650mm	680mm	30685108
i-D33P300B1X2-M	•	300kg		100g	500mm x 650mm	680mm	30685109
i-D33P300B1V3-M	•	300kg		100g	600mm x 800mm	980mm	30685112
i-D33P600B1V3-M	•	600kg		200g	600mm x 800mm	980mm	30685113
i-D33P15B1R5		15kg	2g		305mm x 355mm	-	30684756
i-D33P30B1R5		30kg	5g		305mm x 355mm	-	30684757
i-D33P60B1R5		60kg	10g		305mm x 355mm	-	30684758
i-D33P60B1L5		60kg	10g		420mm x 550mm	-	30684762
i-D33P150B1L5		150kg	20g		420mm x 550mm	-	30684763
i-D33P150B1X5		150kg	20g		500mm x 650mm	-	30684766
i-D33P300B1X5		300kg	50g		500mm x 650mm	-	30684767
i-D33P15B1R5-M	•	15kg		5g	305mm x 355mm	-	30685116
i-D33P30B1R5-M	•	30kg		10g	305mm x 355mm	-	30685117
i-D33P60B1R5-M	•	60kg		20g	305mm x 355mm	-	30685118
i-D33P60B1L5-M	•	60kg		20g	420mm x 550mm	-	30685122
i-D33P150B1L5-M	•	150kg		50g	420mm x 550mm	-	30685123
i-D33P150B1X5-M	•	150kg		50g	500mm x 650mm	-	30685126
i-D33P300B1X5-M	•	300kg		100g	500mm x 650mm	-	30685127

Handle

DEFENDER™3000 Accessories

Accessories	Item N°
Mounting Set Front SST DT33	30696600
Column Assembly, 330mm, SST, i-DT33	30696595
Column Assembly, 680mm, SST, i-DT33	30696596
Column Assembly, 330mm, CS, i-DT33	30696597
Column Assembly, 680mm, CS, i-DT33	30696598
Column Assembly, 980mm, CS, i-DT33	30696599
USB Device Kit i-D33	30699120
Dust Cover i-DT33 (5)	30699121
Rechargeable battery kit i-DT33P	30699122
Wheel kit, Defender Series	30372146
Wheel kit SST, Defender Series	30616409
Cable RS232 i-DT33P	80500525
Cable RS232 i-DT33XW	80500552
Ethernet Kit	30429666
LC Extension Cable, 3.5 m *1	30803566

1 Cannot be used for legal-for-trade applications



WHEEL KIT, DEFENDER SERIES
30372146



WHEEL KIT SST, DEFENDER SERIES
30616409



MOUNTING SET FRONT SST DT33
30696600



COLUMN ASSEMBLY, 330MM, SST, I-DT33
30696595



COLUMN ASSEMBLY, 680MM, SST, I-DT33
30696596



COLUMN ASSEMBLY, 330MM, CS, I-DT33
30696597



COLUMN ASSEMBLY, 680MM, CS, I-DT33
30696598



COLUMN ASSEMBLY, 980MM, CS, I-DT33
30696599



USB DEVICE KIT I-D33
30699120



IN USE COVER I-DT33 (5)
30699121



RECHARGEABLE BATTERY KITS
30699122



CABLE RS232 I-DT33XW
80500552



ETHERNET KIT
30429666



CABLE RS232 I-DT33P
80500525

DEFENDER™ 2000

The best basic modular scale for dependability and durability at affordable price

Application

Weighing, Parts Counting, Accumulation

Display

Red LED

Operation

AC adapter (included) or internal rechargeable battery

Communication

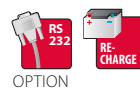
RS232 interface (accessory)

Construction

ABS indicator, 430 grade stainless steel platform with painted steel tubular frame, IP65 aluminium load cell

Design Features

Hardware configuration lockout switch, battery saving auto-off, externally visible level bubble, down-stops for overload protection



OPTION



The polished 430 stainless steel platform with painted carbon steel frame.

Plastic LED indicator (T24PE).

Internal rechargeable battery.

Model	Capacity	Readability (d)	Platform	Column	Item N°
D24PE30FR	30kg	5g	300mm x 350mm	500mm	30235922
D24PE60FR	60kg	10g	300mm x 350mm	500mm	30235927
D24PE60FL	60kg	10g	400mm x 500mm	700mm	30235932
D24PE150FL	150kg	20g	400mm x 500mm	700mm	30235937
D24PE150FX	150kg	20g	500mm x 600mm	700mm	30235942
D24PE300FX	300kg	50g	500mm x 600mm	700mm	30235947
D24PE300FV	300kg	50g	600mm x 800mm	1000mm	30235952
D24PE600FV	600kg	100g	600mm x 800mm	1000mm	30235957
Accessories					Item N°
RS232 Kit					30101019
Folding Column Kit					30101016
In-Use-Cover, i-DT33P, T24P					30101017
Load Cell Cable Adapter Kit					30101021
Wall mount kit, T24P					30387043
Column adapter Kit, D2K					30101020

T82XW Indicator

Touchscreen 8000 Series stainless steel indicator with customizable applications

Application

Accumulation and formula weighing, parts counting, weighbridges, sqc, vehicle, price computing and industrial labelling, single-product dosage systems, multi-component dosage systems

Display

Backlit graphic display with touch screen technology

Operation

AC Power

Communication

2xRS232, RS485 direct mother board connection (1xRS232 through RJ11 plug), USB, Ethernet

Construction

IP68 stainless steel housing and mounting bracket

Design Features

Check weighing lights with selectable operation and audible signal settings, multi operating languages, QWERTY, AZERTY, QWERTZ keyboard options integrated in the touch screen, real-time clock, integrated alibi memory, built-in micro SD slot for recording configuration, logos and customized screens, 4 independent analog channels, selectable environmental and auto-print settings, stability indicator, overload/underload indicators, 1 000 000 d and up to 10 000 e



Multiplied communication interfaces.

Unique applications including SQC and Vehicle Weighing.

Ability to support up to 16x350ohm load cells.

Model	Item N°
T82XW-EU	30325752

Terminal is delivered with "accumulation and formula weighing" application software installed. Other software applications are available on <http://dmx.Ohaus.Com> for free.

* For license number, please contact SSC

Accessories	Item N°
I/O Input, Set(2), T82XW	30325822
I/O Output, Set(4), T82XW	30325823
6 In /12 Out I/O Board, T82XW	30344023
Multi L/C Input, 4 channel, T82XW	30331635
USB flash driver, T82XW	30331636
RS232-USB, T82XW	30331637
Ethernet, T82XW	30331642
Build-in optoisolated RS485, T82XW	30331643
Wall mount Kit, T82XW	30331644
In-Use-Cover Kit, T82XW	30328139
License for Display tool, T82XW	30344025
Serial to mini DIN connector, T82XW	30344026
RS232/C serial cable 1.5m, T82XW	30344027
Ethernet cable 1.5m, T82XW	30344028
RS232 Cable for balance, T82XW	30344040
Analog & 6In/12Out I/O Kit, T82XW	30422883
Analog output Board, T82XW	30344022

T72XW Indicator

Advanced performance stainless steel indicator with external device control capabilities

Application

Weighing, parts counting, check weighing, animal/dynamic weighing

Display

Transflective graphic LCD with white backlight, 240x96 pixels

Operation

AC Power (Included)

Communication

Easy access communication port including RS232 (included), Ethernet and 2nd RS232 or RS485 (accessories sold separately), GLP/GMP data output with real-time clock

Construction

IP66/NEMA 4X stainless steel housing and mounting bracket

Design Features

Check weighing lights with selectable operation and audible signal settings, sealed front panel, five operating languages (English, Spanish, French, German and Italian), selectable environmental and auto-print settings, stability indicator, overload/underload indicators, 50 000 d and up to 6 000 e



50,000 displayed resolution and the ability to support up to 10 load cells.

Two available option slots enable a wide range of connectivity interfaces.

Vivid graphic display with on-screen prompts and an alphanumeric keypad with designated keys for common functions such as tare and ID information.

Model	Item N°
T72XW-EU	30126957
Accessories	Item N°
Ethernet Kit, T72XW	30132163
USB with I/O kit, T72XW	30132164
COM2 Kit, T72XW	30132165
Floor scale Column Kit Painted	30531244
Floor scale Column Kit SST	30539553
Light Tower, R-Y-G, IP65, 243 mm, 24VDC (Requires 30097591)	30424021
Column Kit, 350mm, SST, T51/71/72XW	80500725
Column Kit, 680mm, SST, T51/71/72XW	80500726



USB WITH I/O KIT, T72XW
30132164



COM2 KIT, T72XW
30132165



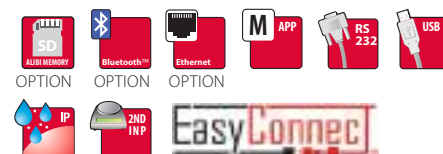
LIGHT TOWER, R-Y-G, IP65, 243 MM, 24VDC
30424021



ETHERNET KIT, T72XW
30132163

i-DT61XWE Indicator

Advanced IP68/IP69K Washdown Indicator



Application

Weighing, Counting with APW optimization, Percent Weighing, Checkweighing, Checkcounting, Filling, Dynamic Weighing/Display Hold

Display

6-digit, 7-segment white LED, 20 mm high digits

Operation

100-240 VAC / 50/60 Hz universal power supply, hardwired

Communication

Easy access communication ports including RS232 and USB Host, second RS232/RS485/USB device, Ethernet and WiFi/Bluetooth, Discrete I/O and Analog output (available as accessories); GLP/GMP data output with real-time clock

Construction

IP68/IP69K 316 stainless steel housing indicator and mounting bracket, knife-resistant front panel

Design Features

3-colour check light bar, menu and key lock, selectable environmental and auto-print settings, stability indicator, overload/underload indicators, low battery indicator, auto shut-off, auto tare



Defender 6000 indicator, constructed of polycarbonate or 316 stainless steel, stands up to harsh cleaning in processing and packaging environments with IP68 immersion/IP69K washdown protection.

Large, bright display offers clear results for fast processing. Colour bar offers detailed package weight checking.

With knife-proof numeric touch keypad, i-DT61XWE indicator is suitable for harsh processing environments.

Model	Item N°
i-DT61XWE-EU	30575576
Accessories	Item N°
Wi-Fi/Bluetooth Dongle i-DT61XW	30412537
Analog Output kit i-DT61XW *1	30424403
2nd RS232/RS485/USB Device kit i-DT61XW *1	30424404
LC Extension Cable, 9 meters.	30424409
M16 Gland with Ferrite	30379716
Light Tower, 3 Colors, 243 mm, IP65 (Requires 30097591)	30424021
Discrete I/O with Relay (2 In/4 Out) i-DT61XW *1	30097591
Ethernet kit i-DT61XW	30429666
External Power Bank Holder i-DT61XW (requires external USB power bank)	30572907
Cable RS232 i-DT61XW	80500552
Alibi Memory i-DT61XW	80500503
LC Extension Cable, 3.5 m *2	30803566

1 Only one of them can be used at the same time

2 Cannot be used for legal-for-trade applications



WI-FI/BLUETOOTH DONGLE I-DT61XW
30412537



ANALOG OUTPUT KIT I-DT61XW
30424403



2ND RS232/RS485/USB DEVICE KIT
I-DT61XW 30424404



EXTERNAL POWER BANK HOLDER I-DT61XW
30572907

i-DT61PW Indicator

Advanced IP68/IP69K Washdown Indicator



EasyConnect

Application

Weighing, Counting with APW optimization, Percent Weighing, Checkweighing, Checkcounting, Dynamic Weighing/Display Hold

Display

6-digit, 7-segment LCD display with white backlight, 45 mm high digits

Operation

6 D (LR20) Batteries (Included)

Communication

Easy access IR communication kit (available as an accessory); GLP/GMP data output with real-time clock

Construction

IP68/IP69K food grade polycarbonate housing and 316 stainless steel mounting bracket

Design Features

3-colour check light bar, menu and key lock, selectable environmental and auto-print settings, stability indicator, overload/underload indicators, low battery indicator, auto shut-off, auto tare



Defender 6000 indicator, constructed of polycarbonate or 316 stainless steel, stands up to harsh cleaning in processing and packaging environments with IP68 immersion/IP69K washdown protection.

Large, bright display offers clear results for fast processing. Colour bar offers detailed package weight checking.

Indicator operates for up to 1,600 hours on one set of batteries for months of use. Battery-powered design eliminates the need for a main connection for increased flexibility.

Model	Item N°
i-DT61PW	30575574
Accessories	Item N°
LC Extension Cable, 9 meters	30424409
IR communication kit i-DT61PW	30572910
LC Extension Cable, 3.5 m	30803566



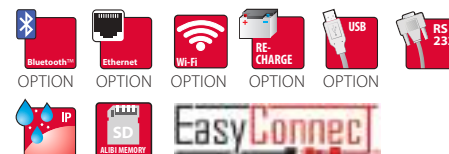
LC EXTENSION CABLE, 9 METERS
30424409



IR COMMUNICATION KIT I-DT61PW
30572910

TD52XW Indicator

Multifunctional Indicator for Standard Industrial Applications



Application

Weighing, parts counting, percent weighing, check weighing, dynamic weighing (display hold), Filling

Display

Backlit Liquid Crystal Display (LCD), 256 x 80 pixels

Operation

Internal power supply with power cord (included) or rechargeable battery (sold separately as an accessory)

Communication

Easy access communication ports including RS232 and Micro SD slot (included), second RS232/RS485/USB device, Ethernet and WiFi/Bluetooth, Discrete I/O and analog output (sold separately as accessories); GLP/GMP data output with real-time clock

Construction

IP68 stainless steel housing and mounting bracket

Design Features

Check weighing symbols with selectable operation and audible signal settings, menu lock switch, multiple operating languages, selectable environmental and auto-print settings, stability indicator, overload/underload indicators, selectable adjust contrast settings, auto-dim, auto-off, auto tare, screensaver, 75 000 d and up to 10 000 e



Indicator guides the user with on-screen prompts.

Multiple connectivity options for convenient data transfer and storage.

Multiple application modes and high storage capacity for greater flexibility.

Model	Item N°
TD52XW-EU	30424066
Accessories	Item N°
WiFi/BT Dongle, OHAUS (Requires 30424406)	30412537
Analog Output Kit, TD52 *3	30424403
2nd RS232/RS485/USB, TD52 *3	30424404
Battery Kit, Li-ion, TD52	30424405
USB Host for Dongle, TD52 *2	30424406
Light Tower, R-Y-G, IP65, 243 mm, 24VDC (Requires 30097591)	30424021
In-use Cover Set, TD52XW	30424023
In-use Cover Set (10), TD52XW	30469949
Wall Mount Kit, SST, TD52XW	30424026
LC Extension Cable, 9 meters, D52 *1	30424409
M16 Gland with Ferrite, to TD52	30379716
Micro SD Card, 8 GB	30303533
I/O with Relay (2 In/4 Out) *3	30097591
Ethernet Kit, TD52 *2	30429666
Floor scale Column Kit Painted	30531244
Floor scale Column Kit SST	30539553
USB Host for Flash Drive *2	30572923
LC Extension Cable, 3.5 m *1	30803566

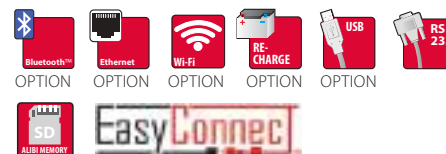
1 Cannot be used for legal-for-trade applications

2 Only one of them can be used at the same time

3 Only one of them can be used at the same time

TD52P Indicator

Multifunctional Indicator for Standard Industrial Applications



Application

Weighing, parts counting, percent weighing, check weighing, dynamic weighing (display hold), Filling

Display

Backlit Liquid Crystal Display (LCD), 256x80 pixels

Operation

Internal power supply with power cord (included) or rechargeable battery (sold separately as an accessory)

Communication

Easy access communication ports including RS232 and Micro SD slot (included), second RS232/RS485/USB device, Ethernet and WiFi/Bluetooth, discrete I/O and analog output (sold separately as accessories); GLP/GMP data output with real-time clock

Construction

ABS plastic housing with painted steel bracket

Design Features

Check weighing symbols with selectable operation and audible signal settings, menu lock switch, multiple operating languages, selectable environmental and auto-print settings, stability indicator, overload/underload indicators, selectable adjust contrast settings, auto-dim, auto-off, auto tare, screensaver, 75 000 d and up to 10 000 e



Indicator guides the user with on-screen prompts.

Multiple connectivity options for convenient data transfer and storage.

Multiple application modes and high storage capacity for greater flexibility.

Model	Item N°
TD52P	30424065
Accessories	Item N°
WiFi/BT Dongle, OHAUS (Requires 30424406)	30412537
Analog Output Kit, TD52 *3	30424403
2nd RS232/RS485/USB, TD52 *3	30424404
Battery Kit, Li-ion, TD52	30424405
USB Host for Dongle, TD52 *2	30424406
Light Tower, R-Y-G, IP65, 243 mm, 24VDC (Requires 30097591)	30424021
In-use Cover Set, TD52P	30424022
In-use Cover Set (10), TD52P	30469948
Wall Mount Kit, CS, TD52P	30424027
LC Extension Cable, 9 meters, D52 *1	30424409
M16 Gland with Ferrite, to TD52	30379716
Micro SD Card, 8 GB	30303533
I/O with Relay (2 In/4 Out) *3	30097591
Ethernet Kit, TD52 *2	30429666
Floor scale Column Kit Painted	30531244
Floor scale Column Kit SST	30539553
USB Host for Flash Drive *2	30572923
LC Extension Cable, 3.5 m *1	30803566

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3 Only one of them can be used at the same time

i-DT33XW Indicator

3000 Series stainless steel indicator for washdown environments

Application

Weighing, Parts Counting, Checkweighing and Totalization

Display

7 Segment LCD with multicolour backlight

Operation

Power cord (included), Rechargeable Battery (included)

Communication

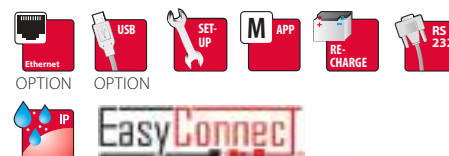
Standard RS232 and optional USB Device or Ethernet

Construction

304 stainless steel housing and mounting bracket

Design Features

Hinged front cover for easy servicing, 30 000 d and up to 10 000 e



Results are clearly shown using the large, bright backlit LCD display. In Checkweighing mode display changes colour (yellow/green/red) to alert when within the target weight range.

Features software for Parts Counting, Checkweighing and Totalization. Includes RS232 with optional USB Device or Ethernet for printing or data connectivity.

Indicator features an IP66 protected 304-stainless steel housing with bracket. Display resolution up to 1:30,000; OIML approved resolution 1:10,000.

Model	Item N°
i-DT33XW-EU	30648431
Accessories	Item N°
Cable RS232 i-DT33XW	80500552
Ethernet Kit	30429666
USB Device Kit	30699120
LC Extension Cable, 3.5 m *1	30803566

1 Cannot be used for legal-for-trade applications

i-DT33P Indicator

3000 Series basic industrial indicator

Application

Weighing, Parts Counting, Checkweighing and Totalization

Display

7 Segment LCD with multicolour backlight

Operation

Power cord (included), 6C (LR14) Batteries (not included) or Rechargeable Battery (not included)

Communication

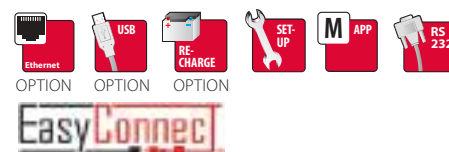
Standard RS232 and optional USB Device or Ethernet

Construction

ABS housing and powder-coated steel mounting bracket

Design Features

Integrated key-hole mounts on back cover, 30 000 d and up to 10 000 e



Results are clearly shown using the large, bright backlit LCD display. In Checkweighing mode display changes colour (yellow/green/red) to alert when within the target weight range.

Features software for Parts Counting, Checkweighing and Totalization. Includes RS232 with optional USB Device or Ethernet for printing or data connectivity.

Indicator features a durable ABS housing and steel mounting bracket. Display resolution up to 1:30,000; OIML approved resolution 1:10,000.

Model	Item N°
i-DT33P	30648430
Accessories	Item N°
Rechargeable battery kit i-DT33P	30699122
Cable RS232 i-DT33P	80500525
Ethernet Kit	30429666
USB Device Kit	30699120
Dust Cover cover i-DT33 (5)	30699121
LC Extension Cable, 3.5 m *1	30803566

1 Cannot be used for legal-for-trade applications

T32M Indicator

Sturdy 3000 Series metal indicators

Application

Weighing (5 units), Parts Counting, Dynamic, Checkweighing, Weight Accumulation.

Display

T32MC with backlit LCD / T32ME with LED

Operation

AC adaptor (included)

Communication

RS232 Interface

Construction

ABS front panel with painted carbon steel rear housing

Design Features

Textured-surface paint minimizes scratches, 20 000d and up to 6 000e



Feature-rich, yet simple to use and easy to learn.

Intuitive usage.

Two display versions.

Model	Item N°
T32ME	83997627
T32MC	83997628
Available for all Defender Bench Scales and Terminals	
Accessories	Item N°
RS232-USB (Interface Kit)	30304101
RS232-Ethernet (Interface Kit)	30304102
Floor scale Column Kit Painted	30531244
Floor scale Column Kit SST	30539553

T24PE Indicator

Dependable and durable 2000 Series indicator at affordable price

Application

Weighing (3 units), parts counting, accumulation

Display

6-digit, 7-segment red LED

Operation

AC adapter with internal rechargeable lead acid battery

Communication

Optional RS232

Construction

ABS plastic housing

Design features

Hardware configuration lockout switch, software included for parts counting mode with selectable sample sizes, selectable span adjustment points, 20 000 d



Easy-to-read red LED display.

Optional RS232C with manual/continuous/interval printing.

Versatile power capabilities including AC adapter and rechargeable battery in standard.

Model	Item N°
T24PE	30235894
Accessories	Item N°
RS232 Kit	30101019
Folding Column Kit	30101016
In-Use-Cover, T24P	30101017
Load Cell Cable Adapter Kit	30101021
Accessories	Item N°
Wall mount kit, T24P	30387043
Floor scale Column Kit Painted 980mm	30531244
Floor scale Column Kit SST 980mm	30539553

DEFENDER™ 6000 Base

Advanced IP68/IP69K Washdown Base



Construction

316 stainless steel platform and frame,
hermetically-sealed stainless steel load cell, non-slip
adjustable rubber feet, level indicator



Defender 6000 stands up to harsh cleaning in processing and packaging environments with IP68 immersion/IP69K washdown protection, 316 stainless steel base and hermetically-sealed load cell.

Durable Defender 6000 is NSF certified, supporting HACCP systems with a 316 stainless steel base providing corrosion protection in food, chemical processing, and packaging.

EasyConnect™ allows a mix of displays and bases.

Model	Capacity	Readability (d)	Platform	Item N°
i-D3K1S	3kg	0,5g	250mm x 250mm	30554431
i-D6K1S	6kg	0,5g	250mm x 250mm	30554432
i-D15K1R	15kg	1g	300mm x 300mm	30554433
i-D30K1R	30kg	2g	300mm x 300mm	30554434
i-D60K1L	60kg	5g	500mm x 400mm	30554435
i-D150K1L	150kg	10g	500mm x 400mm	30554436
Accessories				Item N°
Wheel kit SS Defender Series				30616409
LC Extension Cable, 9 meters				30424409
Column Kit 260 mm 316 stainless steel				30572908
Column Kit 670 mm 316 stainless steel				30572909
Front Mounting kit 316 SS i-DT61PW				30626654
Pan 305x305 mm in 304 stainless steel				30427798
Pan 254x254 mm 304 stainless steel				30427799
Cable Kit Extension for base				30429931
LC Extension Cable, 3,5 m				30803566



WHEEL KIT SS DEFENDER SERIES
30616409



LC EXTENSION CABLE, 9 METERS
30424409



COLUMN KIT 316 STAINLESS STEEL
30572908 30572909



CABLE KIT EXTENSION FOR BASE
30429931



FRONT MOUNTING KIT 316 SS i-DT61PW
30626654



PAN, 304 STAINLESS STEEL
30427798 30427799

DEFENDER™5000 Stainless Steel Bases

Durable Bases for the Most Demanding of Industrial Applications

Construction

Dual Range model:

304-grade stainless steel platform with sand gray powder-coated steel frame, IP67 aluminium load cell, non-slip adjustable rubber feet

Single Range model:

304-grade stainless steel platform and frame, IP67 stainless steel load cell, non-slip adjustable rubber feet

EasyConnect



Durably Constructed To Withstand Harsh Industrial Environments.

Stainless steel frame. Stainless Steel load cell for Single Range. Aluminium Load cell for Dual Range.

OIML approved dual range and single range load cell.

Model	Capacity	Platform	Item N°
D6WQDR	3kg / 6kg	305mm x 305mm	30419594
D15WQDR	6kg / 15kg	305mm x 305mm	30419595
D15WQDL	6kg / 15kg	400mm x 400mm	30419609
D30WQDL	15kg / 30kg	400mm x 400mm	30419610
D60WQDL	30kg / 60kg	400mm x 400mm	30419611
D60WQDX	30kg / 60kg	500mm x 500mm	30419614
D150WQDX	60kg / 150kg	500mm x 500mm	30419615
D60WQDV	30kg / 60kg	610mm x 610mm	30419619
D150WQDV	60kg / 150kg	610mm x 610mm	30419620
D300WQDV	150kg / 300kg	610mm x 610mm	30419621
D150WTDV	60kg / 150kg	800mm x 600mm	30419625
D300WTDV	150kg / 300kg	800mm x 600mm	30419626
D600WTDV	300kg / 600kg	800mm x 600mm	30419627
D15WQR	15kg	305mm x 305mm	30454671
D15WQL	15kg	400mm x 400mm	30454672
D30WQL	30kg	400mm x 400mm	30454673
D60WQL	60kg	400mm x 400mm	30454674
D60WQX	60kg	500mm x 500mm	30454675
D150WQX	150kg	500mm x 500mm	30470877
D60WQV	60kg	610mm x 610mm	30471118
D150WQV	150kg	610mm x 610mm	30471119

DEFENDER™3000 Stainless Steel Bases

Stainless steel platform for washdown environments

Construction

304-grade stainless steel platform, stainless steel tubular frame, IP67 stainless steel load cell



EasyConnect



This tough industrial scale features a 304-stainless steel platform, frame and IP67 load cell.

Capacities from 15 kg to 300 kg, with platforms from 305 x 355 mm to 500 x 650 mm.

Default resolution up to 7,500d; OIML approved to 3,000e for legal-for-trade performance.

Model	Capacity	Platform	Item N°
i-D15C1R EZ	15kg	305mm x 355mm	30683681
i-D30C1R EZ	30kg	305mm x 355mm	30683682
i-D60C1R EZ	60kg	305mm x 355mm	30683683
i-D60C1L EZ	60kg	420mm x 550mm	30683686
i-D150C1L EZ	150kg	420mm x 550mm	30683687
i-D150C1X EZ	150kg	500mm x 650mm	30683690
i-D300C1X EZ	300kg	500mm x 650mm	30683691

DEFENDER™5000 Bases

Durable Bases for the Most Demanding of Industrial Applications

Construction

304-grade stainless steel platform, sand grey powder-coated steel frame, aluminum load cell, non-slip adjustable rubber feet, level indicator

EasyConnec



Durably Constructed To Withstand Harsh Industrial Environments.

Sand grey powder-coated steel frame.

OIML approvable dual range load cell.

Model	Capacity	Platform	Item N°
D6RQDR	3kg / 6kg	305mm x 305mm	30419592
D15RQDR	6kg / 15kg	305mm x 305mm	30419593
D15RQDL	6kg / 15kg	400mm x 400mm	30419596
D30RQDL	15kg / 30kg	400mm x 400mm	30419597
D60RQDL	30kg / 60kg	400mm x 400mm	30419608
D60RQDX	30kg / 60kg	500mm x 500mm	30419612
D150RQDX	60kg / 150kg	500mm x 500mm	30419613
D60RQDV	30kg / 60kg	610mm x 610mm	30419616
D150RQDV	60kg / 150kg	610mm x 610mm	30419617
D300RQDV	150kg / 300kg	610mm x 610mm	30419618
D150RTDV	60kg / 150kg	800mm x 600mm	30419622
D300RTDV	150kg / 300kg	800mm x 600mm	30419623
D600RTDV	300kg / 600kg	800mm x 600mm	30419624

DEFENDER™3000 Bases

The best platform for basic industrial needs

Construction

304-grade stainless steel platform, powder-coated steel tubular frame, aluminum load cell



EasyConnec



This tough industrial scale features a 304-stainless steel platform, powder-coated steel tubular frame and column, IP65 aluminum load cell.

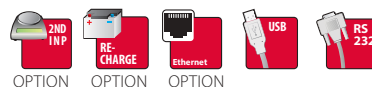
Capacities from 15 kg to 600 kg, with platforms from 305 x 355 mm to 600 x 800 mm.

Default resolution up to 7,500d; OIML approved to 3,000e for legal-for-trade performance.

Model	Capacity	Platform	Item N°
i-D15B1R EZ	15kg	305mm x 355mm	30648440
i-D30B1R EZ	30kg	305mm x 355mm	30683679
i-D60B1R EZ	60kg	305mm x 355mm	30683680
i-D60B1L EZ	60kg	420mm x 550mm	30683684
i-D150B1L EZ	150kg	420mm x 550mm	30683685
i-D150B1X EZ	150kg	500mm x 650mm	30683688
i-D300B1X EZ	300kg	500mm x 650mm	30683689
i-D300B1V EZ	300kg	600mm x 800mm	30683692
i-D600B1V EZ	600kg	600mm x 800mm	30683693

RANGER™7000

Simplifying even the most complex industrial applications



Application

Weighing, parts counting, percent weighing, check weighing, dynamic weighing (display hold), filling, formulation, differential weighing, density weighing

Display

Full-colour WQVGA graphic display (4.3 in./10.9 cm diagonal); 4.3" TFT Graphic LCD

Operation

AC Power adapter (included) or rechargeable battery (available as an accessory); 100 240 VAC / 50/60 Hz universal power supply

Communication

Easy access communication ports including standard USB and RS232 and an optional third port of either RS232 or Ethernet, GLP/GMP Data Output with Real Time Clock, Data Transfer Function.

Construction

Stainless steel platform, die cast housing, column (available as an accessory)

Design Features

Removable stainless steel platform, check weighing lights with selectable operation and audible signal settings, integral weigh below hook, sealed front panel, menu lock switch, level indicator, adjustable leveling feet, several selectable operating languages, selectable environmental and auto-print settings, stability indicator, overload/underload indicators, selectable brightness settings, auto-dim, auto-sleep, auto tare, chain tare



Simplify complex applications and minimize the need for manual calculations with 10 advanced application modes, peripheral device control and an optional kit for a second scale platform.

The most precise scale in its class with one-second stabilization time, up to 75,000d or 350,000d display resolution and legal-for-trade certifications.

Extremely durable scale designed to thrive in rugged industrial environments. Features IP54-rated metal housing and sealed metal terminal.

Model	EC Type Approved	Internal Adjustment	Capacity	Readability (d)	(e)	Platform	Cal. weight, class	Item N°
R71MD3-EU			3kg	0.05g		280mm x 280mm	3kg, OIML F2 or ASTM CL 4	30088844
R71MD6-EU			6kg	0.1g		280mm x 280mm	6kg, OIML F2 or ASTM CL 4	30088845
R71MD15-EU			15kg	0.2g		377mm x 311mm	15kg, OIML F2 or ASTM CL 4	30088846
R71MD35-EU			35kg	0.5g		377mm x 311mm	35kg, OIML F2 or ASTM CL 4	30088847
R71MD60-EU			60kg	1g		377mm x 311mm	60kg, OIML F2 or ASTM CL4	30212874
R71MHD3-EU		•	3kg	0.01g		210mm x 210mm	3kg, OIML F2 or ASTM CL 4	30088832
R71MHD6-EU		•	6kg	0.02g		210mm x 210mm	6kg, OIML F2 or ASTM CL 4	30088833
R71MHD15-EU		•	15kg	0.1g		377mm x 311mm	15kg, OIML F2 or ASTM CL 4	30088834
R71MHD35-EU		•	35kg	0.1g		377mm x 311mm	35kg, OIML F2 or ASTM CL 4	30088835
R71MHD3-EU-M	•	•	3kg		0.1g	210mm x 210mm	3kg, OIML F2 or ASTM CL 4	30104929
R71MHD6-EU-M	•	•	6kg		0.2g	210mm x 210mm	6kg, OIML F2 or ASTM CL 4	30104940
R71MHD15-EU-M	•	•	15kg		1g	377mm x 311mm	15kg, OIML F2 or ASTM CL 4	30104941
R71MHD35-EU-M	•	•	35kg		1g	377mm x 311mm	35kg, OIML F2 or ASTM CL 4	30104942
R71MD3-EU-M	•		3kg		0.5g	280mm x 280mm	3kg, OIML F2 or ASTM CL 4	30104921
R71MD6-EU-M	•		6kg		1g	280mm x 280mm	6kg, OIML F2 or ASTM CL 4	30104922
R71MD15-EU-M	•		15kg		2g	377mm x 311mm	15kg, OIML F2 or ASTM CL 4	30104923
R71MD35-EU-M	•		35kg		5g	377mm x 311mm	35kg, OIML F2 or ASTM CL 4	30104924
R71MD60-EU-M	•		60kg		10g	377mm x 311mm	60kg, OIML F2 or ASTM CL4	30238583

RANGER™ 4000

The best value for durable industrial weighing



Application

Weighing, parts counting, check weighing, percent weighing, animal/dynamic weighing, display hold, accumulation

Display

Light-emitting diode display (LED), 3 colour check weighing LEDs

Operation

AC power (included) or rechargeable battery (included)

Communication

Easy access communication port including standard RS232 (included) and second RS232, USB or Ethernet (accessories sold separately)

Construction

Rugged cast aluminum housing, stainless steel platform

Design Features

Cast aluminum housing, stainless steel platform, integral weigh-below hook, sealed front panel, menu lock switch, up front level indicator, adjustable leveling feet, selectable environmental and auto-print settings, stability indicator, overload and underload indicators, low battery indicator, auto shut-off, auto tare



Sturdy metal housing and slip-resistant rubber feet provide the protection, stability and long product life needed for tough industrial weighing.

The most user-friendly scale on the market features Smart Text™ for easy operation and setup to ensure efficiency in the workplace.

With the largest display in its class, checkweighing LED indicators and backlit LCD display, the Ranger 4000 can function in almost any industrial environment.

Model	EC Type Approved	Capacity	Readability (d)	(e)	Platform	Item N°
R41ME3		3kg	0,1g		300mm x 225mm	30236943
R41ME6		6kg	0,2g		300mm x 225mm	30231099
R41ME15		15kg	0,5g		300mm x 225mm	30231100
R41ME30		30kg	1g		300mm x 225mm	30231101
R41ME3-M	•	3kg		1g	300mm x 225mm	30237016
R41ME6-M	•	6kg		2g	300mm x 225mm	30237017
R41ME15-M	•	15kg		5g	300mm x 225mm	30237018
R41ME30-M	•	30kg		10g	300mm x 225mm	30237019

RANGER™ 4000 COUNT

The Best Value for Durable Industrial Counting



Application

Weighing, parts counting with auto optimization, check weighing, accumulation

Display

3 window backlit liquid crystal display (LCD), 3 colour check weighing LEDs

Operation

AC power (included) or rechargeable battery (included)

Communication

Easy access communication port including standard RS232 (included) and second RS232, USB or Ethernet (accessories sold separately)

Construction

Rugged cast aluminum housing, stainless steel platform

Design Features

Cast aluminum housing, stainless steel platform, sealed front panel, menu lock switch, up front level indicator, adjustable leveling feet, selectable environmental and auto-print settings, stability indicator, overload and underload indicators, low battery indicator, auto shut-off, auto tare



Sturdy metal housing and slip-resistant rubber feet provide the protection, stability and long product life needed for tough industrial weighing.

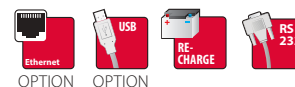
Accurate weighing and counting performance is assured with 1:1,500,000 internal counting resolution and auto-optimization software that reduces errors.

Easy-to-operate with SmarText™ software, a centrally located count display and dedicated Sample and Tare keys.

Model	EC Type Approved	Capacity	Readability (d)	(e)	Platform	Item N°
RC41M3		3kg	0,1g		300mm x 225mm	30231102
RC41M6		6kg	0,2g		300mm x 225mm	30231103
RC41M15		15kg	0,5g		300mm x 225mm	30231104
RC41M30		30kg	1g		300mm x 225mm	30231105
RC41M3-M	•	3kg		1g	300mm x 225mm	30237020
RC41M6-M	•	6kg		2g	300mm x 225mm	30237021
RC41M15-M	•	15kg		5g	300mm x 225mm	30237022
RC41M30-M	•	30kg		10g	300mm x 225mm	30237023

RANGER™3000

The Best Compact Scale in its Class!



Application

Weighing, parts counting, check weighing, percentage weighing, dynamic weighing, display hold, accumulation

Display

Backlit liquid crystal display (LCD), 3 color checkweighing LEDs

Operation

AC power (included) or rechargeable battery (included)

Communication

Easy access communication ports including a standard RS232 and an optional second port of either RS232, USB or Ethernet

Construction

ABS housing, stainless steel platform

Design Features

210 hours of battery life, 3 LED (yellow, green, red) check weighing lights with selectable operation and audible signal settings, integral weigh-below hook, transportation handle, sealed front panel, menu lockswitch, up front level indicator, adjustable leveling feet, selectable environmental and auto-print settings, stability indicator, overload and underload indicators, low battery indicator, auto shut-off, auto tare



With the largest display in its class, checkweighing LED indicators and backlit LCD display, the Ranger 3000 can function in any industrial environment.

User-friendly scale with easy setup to ensure efficiency in the workplace.

Eliminate waiting time and increase control of your operation with accurate one-second results.

Model	EC Type Approved	Capacity	Readability (d)	(e)	Platform	Item N°
R31P1502		1.5kg	0.05g		225mm x 300mm	30031702
R31P3		3kg	0.1g		225mm x 300mm	30031703
R31P6		6kg	0.2g		225mm x 300mm	30031704
R31P15		15kg	0.5g		225mm x 300mm	30031705
R31P30		30kg	1g		225mm x 300mm	30031706
R31P1502-M	•	1.5kg		0.5g	225mm x 300mm	30060902
R31P3-M	•	3kg		1g	225mm x 300mm	30060903
R31P6-M	•	6kg		2g	225mm x 300mm	30060904
R31P15-M	•	15kg		5g	225mm x 300mm	30060905
R31P30-M	•	30kg		10g	225mm x 300mm	30060906

RANGER™ 3000 COUNT

The Best Compact Counting Scale in its Class!



Application

Weighing, parts counting with auto optimization, check weighing, accumulation

Display

3 window backlit liquid crystal display (LCD), 3 color checkweighing LEDs

Operation

AC power (included) or rechargeable battery (included)

Communication

Easy access communication ports including a standard RS232 and an optional second port of either RS232, USB or Ethernet

Construction

ABS housing, stainless steel platform

Design Features

30 item library (stores 12-digit part numbers, average piece weights, check counting or check weighing parameters, tare weights and accumulated weights or counts), 210 hours of battery life, 3 LED (yellow, green, red) check weighing lights with selectable operation and audible signal settings, auto tare, transportation handle, numeric keypad, sealed front panel, menu lockswitch, up front level indicator, adjustable leveling feet, selectable environmental and auto-print settings, stability indicator, overload and underload indicators, low battery indicator, auto shut-off, optional 2nd scale input



Accurate weighing and counting are assured with a high-resolution display, 30-item library function, and auto-optimization software that reduces errors.

Easy to use in multi-step counting operations. Features three backlit LCD displays, including a centrally located count display, and an easy-to-navigate menu.

Eliminate waiting time and increase control of your operation with accurate one-second results.

Model	EC Type Approved	Capacity	Readability (d)	(e)	Platform	Item N°
RC31P1502		1.5kg	0.05g		225mm x 300mm	30031782
RC31P3		3kg	0.1g		225mm x 300mm	30031783
RC31P6		6kg	0.2g		225mm x 300mm	30031784
RC31P15		15kg	0.5g		225mm x 300mm	30031785
RC31P30		30kg	1g		225mm x 300mm	30031786
RC31P1502-M	•	1.5kg		0.5g	225mm x 300mm	30060907
RC31P3-M	•	3kg		1g	225mm x 300mm	30060908
RC31P6-M	•	6kg		2g	225mm x 300mm	30060909
RC31P15-M	•	15kg		5g	225mm x 300mm	30060910
RC31P30-M	•	30kg		10g	225mm x 300mm	30060911

RANGER™ Accessories

Accessories	Ranger™7000	Ranger™4000	Ranger™Count 4000	Ranger™3000	Ranger™Count 3000	Item N°
PCBA Kit, Alibi Memory	•					80500503
Ethernet Kit	•	•	•	•	•	30037447
Second RS232 Kit	•	•	•	•	•	30037448
2nd platform kit, R71	•					30097590
In-use cover, R71	•					30135320
Discrete I/O Kit, 2-In 4-Out, R71	•					30097591
Rechargeable Battery, EX-HiCap R71	•					30041295
Column Kit, Painted, 400mm, R71	•					30095408
Cable, Extension, 9 m, R71	•					30101495
Light Tower, R-Y-G, IP65, 243 mm, 24VDC (Requires 30097591)	•					30424021
Cable, RS232, 1.5m, to connect a reference balance *1	•					30057595
2nd Platform, Kit		•	•		•	30037446
USB Kit		•	•	•	•	30037449
In-Use Cover 5 pcs		•	•			30656205
In-Use Cover 5 pcs				•	•	30656204
Weigh below hook					•	30037450
Carrying Case		•	•	•	•	30795772

1 Reference Balance automatically accepts higher-precision APW data from a scale through the included RRS232 port



PCBA KIT, ALIBI MEMORY
80500503



ETHERNET KIT
30037447



SECOND RS232 KIT
30037448



2ND PLATFORM KIT, R71
30097590



IN-USE COVER, R71
30135320



DISCRETE I/O KIT, 2-IN 4-OUT, R71
30097591



RECHARGEABLE BATTERY, EX-HICAP R71
30041295



COLUMN KIT, PAINTED, 400MM, R71
30095408



WEIGH BELOW HOOK
30037450



LIGHT TOWER
30424021



2ND PLATFORM, KIT
30037446



USB KIT
30037449



IIN-USE COVER 5 PCS
30656205



IIN-USE COVER 5 PCS
30656204

VALOR™7000

The Best Compact Food Scale in its Class!



Application

Weighing, check weighing, percentage weighing, accumulation

Display

Front and rear liquid crystal display (lcd) with backlight

Operation

AC power (included) or rechargeable battery (included)

Communication

Easy access communication ports including a standard RS232 and an optional second port of either RS232, USB or Ethernet

Construction

ABS housing, stainless steel platform

Design Features

Rechargeable battery (200 hours of battery life), 3 LED (yellow, green, red) check weighing lights with selectable operation and audible signal settings, touchless sensor, transportation handle, sealed front panel, menu lockswitch, up front level indicator, adjustable levelling feet and bubble



Food-safe Valor 7000 is NSF-certified, USDA-AMS accepted, and supports HACCP-certified systems -- suitable for food applications in dry areas.

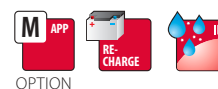
Large displays with backlight allow for easy viewing of results. Easy access communication ports for fast and useful data transfer and storage.

Valor 7000 produces repeatable and accurate results within less than one second to virtually eliminate your wait time and improve productivity.

Model	EC Type Approved	Capacity	Readability (d)	(e)	Platform	Item N°
V71P1502T		1.5kg	0.05g		225mm x 300mm	30031822
V71P3T		3kg	0.1g		225mm x 300mm	30031823
V71P6T		6kg	0.2g		225mm x 300mm	30031824
V71P15T		15kg	0.5g		225mm x 300mm	30031825
V71P30T		30kg	1g		225mm x 300mm	30031826
V71P1502T-M	•	1.5kg		0.5g	225mm x 300mm	30060912
V71P3T-M	•	3kg		1g	225mm x 300mm	30060913
V71P6T-M	•	6kg		2g	225mm x 300mm	30060914
V71P15T-M	•	15kg		5g	225mm x 300mm	30060915
V71P30T-M	•	30kg		10g	225mm x 300mm	30060916

VALOR™ 4000

Water proof IP68 table top scale with OIML approval and touchless sensor designed for wet food processing environment



Application

Weighing, percentage weighing, check weighing, accumulation

Display

Large dual red led display: 0.8 inch/20.5 mm height characters

Operation

AC adapter (included) or rechargeable battery (included)

Construction

V41PW: ABS housing with stainless steel platform; V41XW: stainless steel platform and housing

Design Features

Less than 0.5s stabilization time, easy-to-transport, power jack auto-closed design, level bubble, fixed weighing pan, overload and underload indicators, low battery indicator, AC adapter, rechargeable battery, touchless sensor for tare function.



Food-safe Valor 4000 is NSF-certified, USDA-AMS accepted, and supports HACCP-certified systems, making it suitable demanding food processing applications.

Increase productivity with its touchless Tare sensor, half-second stabilization time, checkweighing mode and LEDs, and percent weighing mode.

Unique knife-resistant keypad and IP68 protection ensures durability and safe operation in wet conditions.

Models with plastic housing

Models	EC Type Approved	Capacity	Readability (d)	(e)	Platform	Item N°
V41PWE1501T		1.5kg	0.2g		242mm x 190mm	30072307
V41PWE3T		3kg	0.5g		242mm x 190mm	30072308
V41PWE6T		6kg	1g		242mm x 190mm	30072309
V41PWE15T		15kg	2g		242mm x 190mm	30072310
V41PWE1501T-M	•	1.5kg		0.5g	242mm x 190mm	30035653
V41PWE3T-M	•	3kg		1g	242mm x 190mm	30035654
V41PWE6T-M	•	6kg		2g	242mm x 190mm	30035655
V41PWE15T-M	•	15kg		5g	242mm x 190mm	30035656

Models with stainless steel housing

Models	EC Type Approved	Capacity	Readability (d)	(e)	Platform	Item N°
V41XWE1501T		1.5kg	0.2g		242mm x 190mm	30072311
V41XWE3T		3kg	0.5g		242mm x 190mm	30072312
V41XWE6T		6kg	1g		242mm x 190mm	30072313
V41XWE15T		15kg	2g		242mm x 190mm	30072314
V41XWE1501T-M	•	1.5kg		0.5g	242mm x 190mm	30035663
V41XWE3T-M	•	3kg		1g	242mm x 190mm	30035664
V41XWE6T-M	•	6kg		2g	242mm x 190mm	30035665
V41XWE15T-M	•	15kg		5g	242mm x 190mm	30035666

Approved models need reverification once 300 x 225 mm stainless steel platforms is installed.

VALOR™3000

Full stainless steel portable scale



Application

Weighing (5 units), percentage weighing, specific gravity

Display

LCD with white LED backlight

Operation

AC adapter (included) or 4 C batteries (not included)

Construction

Stainless steel housing and stainless steel pan

Design Features

Adjustable levelling feet and bubble (only for XW models), load cell lock, user adjustable filtering and optional food accessories



High resolution models.

IP65 models.

Food safety certification (NSF) and supports an HACCP compliant quality system.

Model	IP Dust and Water Protected	Capacity	Readability (d)	Platform	Item N°
V31XH202		200g	0.01g	Ø 120mm	71210129
V31XH402		400g	0.01g	Ø 120mm	72240776
V31X501		500g	0.1g	Ø 120mm	72240398
V31XH2		2kg	0.1g	158mm x 146mm	71210130
V31X3		3kg	1g	158mm x 146mm	71210131
V31XH4		4kg	0.1g	158mm x 146mm	72240399
V31X6		6kg	1g	158mm x 146mm	71210132
V31XW301	•	300g	0.1g	158mm x 146mm	71210133
V31XW3	•	3kg	0.5g	158mm x 146mm	71210134
V31XW6	•	6kg	1g	158mm x 146mm	71210135

VALOR™2000

A rapid-response food scale that enhances productivity in harsh environments!

Application

V22PW: weighing; V22XW: weighing, check weighing

Display

Large dual red LED display: 20.5 mm height characters

Operation

AC adapter (included) or rechargeable battery (included)

Construction

V22PW: ABS housing with stainless steel platform; V22XW: stainless steel platform and housing

Design Features

Less than 0.5s stabilization time, easy-to-transport, power jack auto-closed design, level bubble, fixed weighing pan, overload and underload indicators, low battery indicator, AC adapter, rechargeable battery



The sturdy polycarbonate keypad offers protection from knives and other sharp instruments used in food preparation, processing and portioning applications.

A unique IPX8 flow-thru design ensures that the NSF-certified Valor 2000 will drain moisture in the scale when used in wet conditions.

Stabilization time is less than a half-second. Large front and rear LED displays allow for easy viewing so two operators can share one scale.

Models with plastic housing

Models	Capacity	Readability (d)	Platform	Item N°
V22PWE1501T	1.5kg	0.2g	242mm x 190mm	30072346
V22PWE3T	3kg	0.5g	242mm x 190mm	30072347
V22PWE6T	6kg	1g	242mm x 190mm	30072315
V22PWE15T	15kg	2g	242mm x 190mm	30072316
V22PWE30T	30kg	5g	242mm x 190mm	30236101

Models with stainless steel housing

Models	Capacity	Readability (d)	Platform	Item N°
V22XWE1501T	1.5kg	0.2g	242mm x 190mm	30072348
V22XWE3T	3kg	0.5g	242mm x 190mm	30072349
V22XWE6T	6kg	1g	242mm x 190mm	30072317
V22XWE15T	15kg	2g	242mm x 190mm	30072318
V22XWE30T	30kg	5g	242mm x 190mm	30236102

VALOR™1000

Reliable Food-Safe Scale for Dry Environments



Application

Weighing

Display

LCD with white backlight (dual display rear/front only on approved models)

Operation

D-cell alkaline battery (included) or power adapter (optional), rechargeable battery (available as an accessory)

Construction

ABS housing, stainless steel pan, carry handles

Design Features

Integrated level bubble and adjustable feet, selectable weighing units



APPROVED MODELS REAR VIEW



Easy-Clean, Hygienic Design.

Low Power Consumption Design Promotes Continuous Use.

Easy Two-Button Operation.

Models	EC Type Approved	Capacity	Readability (d)	(e)	Platform	Item N°
V12P3		3kg	0.5g		245mm x 190mm	30539394
V12P6		6kg	1g		245mm x 190mm	30539395
V12P15		15kg	2g		245mm x 190mm	30539396
V12P30		30kg	5g		245mm x 190mm	30539397
V12P3T-M	•	3kg		1g	245mm x 190mm	30554438
V12P6T-M	•	6kg		2g	245mm x 190mm	30554439
V12P15T-M	•	15kg		5g	245mm x 190mm	30554440
V12P30T-M	•	30kg		10g	245mm x 190mm	30554441

VALOR Accessories

Accessories	Valor™7000	Valor™4000	Valor™3000	Valor™2000	Valor™ 1000	Item N°
In-Use Cover for V71	•					30037445
Ethernet Kit	•					30037447
2nd RS232 Kit	•					30037448
USB Kit	•					30037449
Weigh below hook	•					30037450
In-Use Cover for V71, 10pcs	•					30037469
Stainless Steel Platform, 300 x 225 mm, Valor 4000, Valor 2000		•		•		30251753
Stainless steel sandwich pan Valor 3000			•			80251147
S/Steel French fries holder Valor 3000			•			80251148
S/Steel ice cream cone holder Valor 3000			•			80251149
Carrying Case, Hard Shell Valor 3000			•			80251216
Stainless Steel platform, 300 x 225 mm, EU-UK Power Plug					•	30559107
Universal adapter for Valor 1000 (Right-Angled), Plug set (46001779) NOT included					•	46001779
Rechargeable Battery Kit V12P					•	30559104
In-use Cover (1)					•	30559105
In-use Cover (10)					•	30559106
RS232 Interface, 1.5m cable (for approved models)					•	30559103
Mildew Proof Feet for V22, V41		•		•		30572905



IN-USE COVER FOR V71
30037445



ETHERNET KIT
30037447



2ND RS232 KIT
30037448



USB KIT
30037449



WEIGH BELOW HOOK
30037450



IN-USE COVER FOR V71, 10PCS
30037469



MILDEW PROOF FEET FOR V22, V41
30572905



IN-USE COVER (10)
30559106



STAINLESS STEEL PLATFORM
30251753



STAINLESS STEEL SANDWICH PAN
80251147



S/STEEL FRENCH FRIES HOLDER
80251148



S/STEEL ICE CREAM CONE HOLDER
80251149



CARRYING CASE, HARD SHELL
80251216



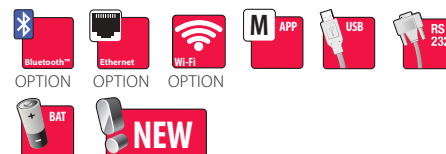
STAINLESS STEEL PLATFORM
30559107



IN-USE COVER (1)
30559105

COURIER™7000

Precise Standard Scales for Dedicated Shipping Applications



Application

Weighing, Dynamic Weighing/Display Hold, Weight Alert, Totalization

Display

6-digit, 7-segment LCD display with white backlight, 28 mm high digits

Operation

Standard AC adapter with USB type C cable detachable (included) or 4 AA batteries (not included)

Communication

Easy access communication ports including standard RS232 and USB type C. Ethernet or 2nd RS232 or WiFi/Bluetooth (available as accessories sold separately)

Construction

ABS indicator, 304-stainless steel platform, powder-coated frame, aluminum load cell, non-slip adjustable rubber feet

Design Features

150% overload protection



Designed to withstand constant use from offices to distribution centers. Fast setup with connection to shipping systems like UPS & FedEx. "GeoCode" application for local calibration adjustment.

Display Hold retains weight data and presents it on a large, easily accessible backlit display. Its Weight Alert mode alerts users to packages that may be too heavy in relation to defined values.

Courier 7000 can run on USB type-C or disposable battery power. Optional Ethernet, second RS232, Bluetooth/WiFi, remote display, ball top and roller top for material handling efficiency are available.

Models	EC Type Approved	Capacity	Readability (d)	(e)	Platform	Item N°
i-C71M15R EU		15kg	2g		305mm x 355mm	30745957
i-C71M60R EU		60kg	10g		305mm x 355mm	30745958
i-C71M60L EU		60kg	10g		457mm x 457mm	30745959
i-C71M150L EU		150kg	20g		457mm x 457mm	30745960
i-C71M150X EU		150kg	20g		610mm x 610mm	30745961
i-C71M15R-M	•	15kg		5g	305mm x 355mm	30745962
i-C71M60R-M	•	60kg		20g	305mm x 355mm	30745963
i-C71M60L-M	•	60kg		20g	457mm x 457mm	30745964
i-C71M150L-M	•	150kg		50g	457mm x 457mm	30745965
i-C71M150X-M	•	150kg		50g	610mm x 610mm	30745966

COURIER™ 5000

Low-Profile Scales Ideal for General Shipping and Animal Weighing Applications



Application

Weighing, Dynamic Weighing/Display Hold, Weight Alert, Totalization

Display

5-digit, 7-segment LCD display with white backlight, 28 mm high digits

Operation

Standard AC adapter or USB type C cable (included) or 3 AA Batteries (not Included)

Communication

Standard USB type C

Construction

ABS indicator, 304 stainless steel platform, powder coated frame

Design Features

150% overload protection



Easy-to-use scales for general shipping use with painted steel base. Stainless steel pan holds up to daily use and is easy to keep sanitary. Adjustable display for mounting to adapt to your workspace.

The Dynamic Weighing/Display Hold application is ideal for large boxes and packages as it retains weight data on the display - also ideal for animals in veterinary use.

AC adapter power included. Simple USB type C for data and power connection – includes UPS software protocol string. Can also run using disposable battery power.

Models	Capacity	Readability (d)	Platform	Item N°
i-C52M6R EU	6kg	2g	329mm x 319mm	30745890
i-C52M30R EU	30kg	10g	329mm x 319mm	30745891
i-C52M50R EU	50kg	20g	329mm x 319mm	30745892
i-C52M50L EU	50kg	20g	520mm x 400mm	30745893
i-C52M100L EU	100kg	50g	520mm x 400mm	30745894
i-C52M200L EU	200kg	100g	520mm x 400mm	30745895
i-C52M200X EU	200kg	100g	900mm x 600mm	30745896

COURIER™3000

User-Friendly Basic Low-Profile Scales for General Shipping and Veterinary Applications

Application

Weighing, Display Hold

Display

4-digit, 7-segment LCD display with white backlight, 28 mm high digits

Operation

AC Adapter (included) or 3 AA Batteries (not included)

Construction

ABS indicator, powder-coated steel platform and frame

Design Features

150% overload protection



Ideal for general shipping jobs or veterinary applications. Low-profile design with 1.5 mm thick painted steel platform to last rigorous daily use. Coiled cable ensures flexible display mounting.

The Courier 3000's Display Hold mode (for use with large boxes and packages) retains weight on the large 28 mm high backlit display, until cleared.

AC adapter power included, and disposable battery power (not included) for portable use.

Model	Capacity	Readability (d)	Platform	Item N°
i-C31M35R EU	35kg	20g	329mm x 319mm	30809911
i-C31M75R EU	75kg	50g	329mm x 319mm	30809912
i-C31M200R EU	200kg	100g	329mm x 319mm	30809913
i-C31M75L EU	75kg	50g	520mm x 400mm	30809914
i-C31M200L EU	200kg	100g	520mm x 400mm	30809915

COURIER™ I000

Compact Portable Shipping Scales for General Shipping Applications



Application

Weighing, Dynamic Weighing

Display

4-digit, 7-Segment LCD, 20 mm high digits

Operation

AC adapter (included) or 3 C (LR14) batteries (not included)

Construction

ABS housing and platform, stainless steel platform (accessory sold separately), transportation handles

Design Features

150% overload protection



Its ultra-compact ABS plastic design combines light weight and durability. Courier scales are exceptionally easy to transport thanks to their integrated handles.

Large 20 mm high display works with Dynamic Weighing mode to store data & ensure it is easily accessible when weighing packages and is also ideal for weighing small animals in veterinary use.

Battery powered (not included) for use in the office or shop. AC adapter power included.

Model	Capacity	Readability (d)	Platform	Item N°
i-C12P9 EU	9kg	5g	280mm x 316mm	30820352
i-C12P20 EU	20kg	10g	280mm x 316mm	30820353
i-C12P75 EU	75kg	50g	280mm x 316mm	30820354

COURIER™ Accessories

Accessories	Courier™7000	Courier™5000	Courier™3000	Courier™1000	Item N°
2 nd RS232 Kit i-C71	•				30745880
Ethernet Kit i-C71	•				30745882
Wi-Fi / Bluetooth Kit i-C71	•				30745881
Remote Display AD7-MD	•				30472063
Ball Top i-C71 305x355 mm *	•				30819625
Ball Top i-C71 458x458 mm *	•				30819627
Ball Top i-C71 611x611 mm *	•				30819648
Roller Top i-C71 305x355 mm *	•				30819626
Roller Top i-C71 458x458 mm *	•				30819649
Roller Top i-C71 611x611 mm *	•				30819650
Remote Column Kit 330 mm Painted Steel	•	•			30800931
Remote Column Kit 980 mm Painted Steel	•	•			30795819
Cable RS232 IBM 9P Male-to-Female	•				80500525
SF40A Printer	•				30064202
SF-110B Printer	•				30708371
Spiral cable connection base to indicator 9m max i-C51 i-C31		•	•		30809920
Rubber Mat Kit Antiskid for X base		•			30548975
Stainless Steel Weighing Pan				•	80251248

* Approved models must be recalibrated once ball top or roller top installed



2 ND RS232 KIT I-C71
30745880



ETHERNET KIT I-C71
30745882



WI-FI / BLUETOOTH KIT I-C71
30745881



REMOTE DISPLAY AD7-MD
30472063



SF40A PRINTER
30064202



SF-110B PRINTER
30708371



CABLE RS232 IBM 9P MALE-TO-FEMALE
80500525



REMOTE COLUMN KIT PAINTED STEEL
30800931



BALL TOP I-C71
30819625



ROLLER TOP I-C71
30819626



SPIRAL CABLE, I-C52 I-C31
30809920



STAINLESS STEEL WEIGHING PAN
80251248

DEFENDER™ 5000 Lift Platforms

Stainless Steel Lift Floor Platform for Hygienic Applications



Hygienic design allows for quick and easy washdown cleaning in sanitary applications. Lifting the front handles tilts the entire scale up providing complete access to the floor and underside of the scale.

Platforms are equipped with a 5 m double-shielded EasyConnect™ cable, which allows instant configuration with Defender 3000 (i-DT33), Defender 5000 (TD52) or Defender 6000 (i-DT61) indicators for quick installation.

Platform is available in 2 different models with 1000 x 1000 mm and 1250 x 1250 mm sizes and capacities of 600 to 1500 kg, allowing greater flexibility to best suit your weighing needs.

Model	Capacity	Platform	Item N°
DFL600WR EU	600kg	1000mm x 1000mm x 45mm	30540665
DFL1500WL EU	1500kg	1250mm x 1250mm x 45mm	30540666

DEFENDER™ 5000 Low Profile Floor Platforms

Low Profile Floor Platform for Drive-thru Applications



Ultra-low profile painted steel or stainless steel solution for weighing drums and carts by loading and driving over the platform. 35 mm height for the 600 kg models and 45 mm for the 1500 kg models.

Platforms are equipped with a 5 m double-shielded EasyConnect™ cable, which allows instant configuration with Defender 3000 (i-DT33), Defender 5000 (TD52) or Defender 6000 (i-DT61) indicators for quick installation.

Platform is available in 4 different models with 1000 x 1000 mm and 1250 x 1250 mm sizes and capacities of 600 to 1500 kg, allowing greater flexibility to best suit your weighing needs.

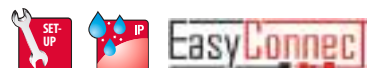
Model	Stainless Steel	Painted Steel	Capacity	Platform	Item N°
DFD600HR EU		•	600kg	1000mm x 1000mm x 35mm	30540661
DFD1500HL EU		•	1500kg	1250mm x 1250mm x 45mm	30540662
DFD600WR EU	•		600kg	1000mm x 1000mm x 35mm	30540663
DFD1500WL EU	•		1500kg	1250mm x 1250mm x 45mm	30540664

DF 5000 SERIES Stainless Steel Floor Scale Platforms

High quality stainless steel platform with structural bracing

Design Features

Platforms are equipped with a 5 m double-shielded EasyConnect™ cable, which allows instant configuration with Defender 3000 (i-DT33), Defender 5000 (TD52) or Defender 6000 (i-DT61) indicators for quick installation



Structural channel bracing for durability.

IP68 stainless steel load cells.

Pit mounting possibility.

Model	Capacity	Platform	Item N°
DF300G1S	300kg	800mm x 800mm x 90mm	30515665
DF600G1S	600kg	800mm x 800mm x 90mm	30515666
DF300G1R	300kg	1000mm x 1000mm x 90mm	30515667
DF600G1R	600kg	1000mm x 1000mm x 90mm	30515668
DF1500G1R	1500kg	1000mm x 1000mm x 90mm	30515669
DF600G1LX	600kg	1500mm x 1250mm x 90mm	30515670
DF1500G1LX	1500kg	1500mm x 1250mm x 90mm	30515671
DF3000G1LX	3000kg	1500mm x 1250mm x 90mm	30515672
DF600G1X	600kg	1500mm x 1500mm x 90mm	30515673
DF1500G1X	1500kg	1500mm x 1500mm x 90mm	30515674
DF3000G1X	3000kg	1500mm x 1500mm x 90mm	30515675

DF 5000 SERIES Floor Scale Platforms

High quality painted steel platform

Design Features

Platforms are equipped with a 5 m double-shielded EasyConnect™ cable, which allows instant configuration with Defender 3000 (i-DT33), Defender 5000 (TD52) or Defender 6000 (i-DT61) indicators for quick installation



Structural channel bracing for durability.

Pit mounting possibility.

IP68 stainless steel load cells.

Model	Capacity	Platform	Item N°
DF300F1S	300kg	800mm x 800mm x 90mm	30515562
DF600F1S	600kg	800mm x 800mm x 90mm	30515563
DF300F1R	300kg	1000mm x 1000mm x 90mm	30515564
DF600F1R	600kg	1000mm x 1000mm x 90mm	30515565
DF1500F1R	1500kg	1000mm x 1000mm x 90mm	30515566
DF600F1LX	600kg	1500mm x 1250mm x 90mm	30515567
DF1500F1LX	1500kg	1500mm x 1250mm x 90mm	30515568
DF3000F1LX	3000kg	1500mm x 1250mm x 90mm	30515569
DF600F1X	600kg	1500mm x 1500mm x 90mm	30515560
DF1500F1X	1500kg	1500mm x 1500mm x 90mm	30515561
DF3000F1X	3000kg	1500mm x 1500mm x 90mm	30515562
DF1500F1XV	1500kg	2000mm x 1500mm x 90mm	30515563
DF3000F1XV	3000kg	2000mm x 1500mm x 90mm	30515564

DF 3000 SERIES Floor Scale Platforms (i-DF)

Platforms for Basic Industrial Applications

Construction

i-DFxxC - 5mm fixed top plate, 304-grade stainless steel platform, IP65 stainless steel junction box with side access, 4 x IP67 OIML R60 stainless steel load cells, available stainless steel ramp

i-DFxxB - 5mm fixed top plate, black treaded painted steel platform, IP65 stainless steel junction box with side access, 4 x IP67 OIML R60 alloy steel load cells, two carbon steel eye bolts, available painted steel ramp

Design Features

125% overload protection, four load cell mounted feet with self-swiveling ball-in-cup design, painted and stainless steel floor stands (available as accessories)



Available in a painted carbon steel, raised treaded surface or a 304 stainless steel, sand-blasted flat surface – both with a fixed top plate of 5 mm thickness. Both versions feature structural bracing that ensures a stiff and solid construction.

Install easily with EasyConnect™ – Platforms are equipped with a 5 m EasyConnect™ cable, which allows instant configuration with Defender indicators for quick installation.

OIML R60 approved Load Cells – equipped with four IP67 alloy steel or stainless steel load cells with self-swiveling ball-in-cup design feet to best suit your weighing needs.

Model	Stainless	Steel	Capacity	Platform	Item N°
i-DF600C1R	•		600kg	1000mm x 1000mm x 90mm	30613550
i-DF1500C1R	•		1500kg	1000mm x 1000mm x 90mm	30613551
i-DF1500C1RL	•		1500kg	1000mm x 1250mm x 90mm	30786250
i-DF1500C1L	•		1500kg	1250mm x 1250mm x 90mm	30613554
i-DF3000C1RL	•		3000kg	1000mm x 1250mm x 90mm	30786251
i-DF3000C1L	•		3000kg	1250mm x 1250mm x 90mm	30613555
i-DF1500C1LX	•		1500kg	1250mm x 1500mm x 90mm	30786254
i-DF1500C1X	•		1500kg	1500mm x 1500mm x 90mm	30613558
i-DF3000C1LX	•		3000kg	1250mm x 1500mm x 90mm	30786255
i-DF3000C1X	•		3000kg	1500mm x 1500mm x 90mm	30613559
i-DF600B1R		•	600kg	1000mm x 1000mm x 90mm	30613548
i-DF1500B1R		•	1500kg	1000mm x 1000mm x 90mm	30613549
i-DF1500B1RL		•	1500kg	1000mm x 1250mm x 90mm	30786248
i-DF1500B1L		•	1500kg	1250mm x 1250mm x 90mm	30613552
i-DF3000B1RL		•	3000kg	1000mm x 1250mm x 90mm	30786249
i-DF3000B1L		•	3000kg	1250mm x 1250mm x 90mm	30613553
i-DF1500B1LX		•	1500kg	1250mm x 1500mm x 90mm	30786252
i-DF1500B1X		•	1500kg	1500mm x 1500mm x 90mm	30613556
i-DF3000B1LX		•	3000kg	1250mm x 1500mm x 90mm	30786253
i-DF3000B1X		•	3000kg	1500mm x 1500mm x 90mm	30613557

DF 3000 SERIES Floor Scale Platforms (DF)

Versatile, low cost painted steel floor scale platform

IP67 OIML R60 alloy steel load cells.

Platform with raised embossed treads.



Model	Capacity	Platform	Item N°
DF1500BS	1500kg	800mm x 800mm x 110mm	83032905
DF1500BR	1500kg	1000mm x 1000mm x 110mm	83032906
DF1500BL	1500kg	1200mm x 1200mm x 110mm	83032907
DF3000BL	3000kg	1200mm x 1200mm x 110mm	83032908
DF1500BLX	1500kg	1200mm x 1500mm x 110mm	83033738
DF3000BLX	3000kg	1200mm x 1500mm x 110mm	83033739
DF1500BX	1500kg	1500mm x 1500mm x 110mm	83032909
DF3000BX	3000kg	1500mm x 1500mm x 110mm	83032910

Accessories for Floor Scale Platforms

Accessories	DFLxx	DFDxx	DFxxG1	DFxxF1	i-DF	DFxxB	Item N°
Ramp, DFL SS 1000 mm	•						30542186
Ramp, DFL SS 1250 mm	•						30542187
Stop Bar, DFD DFL SS 1000 mm	•	•					30550093
Stop Bar, DFD DFL SS 1250 mm	•	•					30550094
Floor column kit, Painted 980 mm	•	•	•	•	•	•	30531244
Floor column kit, stainless steel 980 mm	•	•	•	•	•	•	30539553
Ramp, DFD CS 1000 mm		•					30478876
Ramp, DFD CS 1250 mm		•					30571736
Ramp, DFD SS 1000 mm		•					30478885
Ramp, DFD SS 1250 mm		•					30571737
Stop Bar, DFD CS 1000 mm		•					30550089
Stop Bar, DFD CS 1250 mm		•					30550090
Foot Plate, Set(2), Painted, DF-B			•				72225239
Ramp, DF Stainless Steel G1 800 mm			•				22015473
Ramp, DF Stainless Steel G1 1000 mm			•				22015474
Ramp, DF Stainless Steel G1 1250 mm			•				22015475
Ramp, DF Stainless Steel G1 1500 mm			•				22015476
Pit Frame, DF Stainless Steel G1S			•				22015493
Pit Frame, DF Stainless Steel G1R			•				22015494
Pit Frame, DF Stainless Steel G1LX			•				22015495
Pit Frame, DF Stainless Steel G1X			•				22015496
Footplates, DF Stainless Steel G1 Set (2)			•				22015581
Pit Frame, DF Painted F1S				•			22015392
Pit Frame, DF Painted F1R				•			22015393
Pit Frame, DF Painted F1LX				•			22015394
Pit Frame, DF Painted F1X				•			22015396
Pit Frame, DF Painted F1XV				•			22015397
Ramp, DF Painted F1 800 mm				•			22015464
Ramp, DF Painted F1 1000 mm				•			22015465
Ramp, DF Painted F1 1250 mm				•			22015466
Ramp, DF Painted F1 1500 mm				•			22015467
Footplates, DF Painted F1 Set (2)				•			22015499
Ramp, Painted DF-B1 1000mm					•		72198338
Ramp, Painted DF-B1 1250mm					•		72198339
Ramp, Painted DF-B1 1500mm					•		72198340
Ramp, Stainless Steel DF-C1 1000mm					•		72198341
Ramp, Stainless Steel DF-C1 1250mm					•		72198342
Ramp, Stainless Steel DF-C1 1500mm					•		72198343
Foot plate kit, Painted DF-B1					•		72198344
Foot plate kit, Stainless Steel DF-C1					•		72198345
Ramp, 800 mm DF						•	80252722
Ramp, 1000 mm DF						•	80252723
Ramp, 1200 mm DF						•	80252724
Ramp, 1500 mm DF						•	80252725
Pit frame, 800 mm for DF						•	83033708
Pit frame, 1000 mm for DF						•	83033709
Pit frame, 1200 mm for DF						•	83033710
Pit frame, 1200 mm x 1500 mm for DF						•	83033714
Pit frame, 1500 mm for DF						•	83033711
LC Extension Cable, 3.5 m *1	•	•	•	•	•		30803566

1 Cannot be used for legal-for-trade applications



RAMP DFL SS 1000 MM
30542186



FLOOR COLUMN KIT, PAINTED 980 MM
30531244



RAMP, DFD CS 1000 MM
30478876



RAMP DF STAINLESS STEEL G1 800 MM
22015473

DFP SERIES Stainless Steel and Steel Pallet Platforms



Prime German quality stainless steel pallet platform

Design Features

Platforms are equipped with a 5 m double-shielded EasyConnect™ cable, which allows instant configuration with Defender 3000 (i-DT33), Defender 5000 (TD52) or Defender 6000 (i-DT61) indicators for quick installation



The U-frame provides easy on and off loading of open-bottom pallets and containers, reducing risk of injury and over-exertion.

Four IP68 electro-polished stainless steel load cells that are laser-weld hermetically sealed and OIML approved are standard on all models.

Structural channel bracing and pendulum design feet with removable rubber cap.

Model	IP Dust and Water Protected	Stainless Steel	Painted Steel	Capacity	Platform	Item N°
DFP600K1	•	•		600kg	1256mm x 840mm	30515680
DFP1500K1	•	•		1500kg	1256mm x 840mm	30515681
DFP600J1			•	600kg	1256mm x 840mm	30515678
DFP1500J1			•	1500kg	1256mm x 840mm	30515679

DF 3000 SERIES Stainless Steel and Steel Pallet Platforms



Platforms for Basic Industrial Applications



Defender Series Pallet Platforms are available in the popular 1 500 kg capacity as painted carbon steel or 304 stainless steel models with a handle and rollers for convenient lifting and relocation.

Install easily with EasyConnect™ – Platforms are equipped with a 5 m EasyConnect™ cable, which allows instant configuration with Defender indicators for quick installation.

OIML R60 approved Load Cells – equipped with four IP67 alloy steel or stainless steel load cells with self-swiveling ball-in-cup design feet to best suit your weighing needs.

Model	Stainless	Steel	Capacity	Platform	Item N°
i-DFP1500C1	•		1500kg	1260mm x 840mm x 90mm	30700618
i-DFP1500B1		•	1500kg	1260mm x 840mm x 90mm	30700557

OIML E1 WEIGHTS

Wire shape, stainless steel

Model	Item N°
Weight 1 mg, OIML E1 Wire	30517704
Weight 2 mg, OIML E1 Wire	30517705
Weight 5 mg, OIML E1 Wire	30517706
Weight 10 mg, OIML E1 Wire	30517707
Weight 20 mg, OIML E1 Wire	30517958
Weight 50 mg, OIML E1 Wire	30517959
Weight 100 mg, OIML E1 Wire	30517960
Weight 200 mg, OIML E1 Wire	30517961
Weight 500 mg, OIML E1 Wire	30517962

With NVLAP Certificate

Item N°
30517963
30517964
30517965
30517966
30517967
30517968
30517969
30517970
30517971



OIML E1 WEIGHTS

Cylindrical shape, Troemner Alloy 8

Model	Item N°
Weight 1 g, OIML E1	30517972
Weight 2 g, OIML E1	30517973
Weight 5 g, OIML E1	30517974
Weight 10 g, OIML E1	30517975
Weight 20 g, OIML E1	30517976
Weight 50 g, OIML E1	30517977
Weight 100 g, OIML E1	30517978
Weight 200 g, OIML E1	30517979
Weight 500 g, OIML E1	30517980
Weight 1 kg, OIML E1	30517981
Weight 2 kg, OIML E1	30517982
Weight 5 kg, OIML E1	30517983
Weight 10 kg, OIML E1	30517984
Weight 20 kg, OIML E1	30517985

With NVLAP Certificate

Item N°
30390941
30390940
30390939
30390938
30390937
30390936
30390935
30390934
30390933
30390932
30390931
30390930
30390929
30390928



OIML E1 WEIGHTS SETS

Flat polygonal sheet, Troemner Alloy 8, stainless steel, aluminum

Model	Item N°
Weight Set (12), 500 mg-1 mg, OIML E1	30517987
Weight Set (20), 50 g-1 mg, OIML E1	30517988
Weight Set (21), 100 g-1 mg, OIML E1	30517989
Weight Set (23), 2x200 g-1 mg, OIML E1	30517990
Weight Set (24), 500 g-1 mg, OIML E1	30517991
Weight Set (25), 1 kg-1 mg, OIML E1	30517992
Weight Set (27), 2x2 kg-1 mg, OIML E1	30517993
Weight Set (28), 5 kg-1 mg, OIML E1	30517994
Weight Set (29), 10 kg-1 mg, OIML E1	30517995
Weight Set (8), 50 g-1 g, OIML E1	30517996
Weight Set (9), 100 g-1 g, OIML E1	30517997
Weight Set (11), 2x200 g-1 g, OIML E1	30517998
Weight Set (12), 500 g-1 g, OIML E1	30517999
Weight Set (13), 1 kg-1 g, OIML E1	30518000
Weight Set (15), 2x2 kg-1 g, OIML E1	30518001
Weight Set (16), 5 kg-1 g, OIML E1	30518002
Weight Set (17), 10 kg-1 g, OIML E1	30518003

With NVLAP Certificate

Item N°
30390926
30390924
30390922
30390040
30390918
30390916
30390038
30390912
30390909
30390923
30390921
30390039
30390917
30390915
30390037
30390911
30390908



All weights come with a plastic case.

Weights and weight sets with NVLAP certificates: In order to get a personalized certificate please contact our Sales Support Center on receipt of your order and provide the calibration certificate number

WEIGHT SET COMPOSITION - CLASS E1

Item N°	NVLAP Certificate	1 mg	2 mg*	5 mg	10 mg	20 mg*	50 mg	100 mg	200 mg*	500 mg	1 g	2 g*	5 g	10 g	20 g*	50 g	100 g	200 g*	500 g	1 kg	2 kg*	5 kg	10 kg
30517987		.	.	.	.	.	.	.	.	.													
30517988		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.							
30517989		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.						
30517990		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.					
30517991		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				
30517992		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
30517993		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
30517994		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
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30517996											.	.	.	.	.	.	.	.	.	.	.	.	.
30517997											.	.	.	.	.	.	.	.	.	.	.	.	.
30517998											.	.	.	.	.	.	.	.	.	.	.	.	.
30517999											.	.	.	.	.	.	.	.	.	.	.	.	.
30518000											.	.	.	.	.	.	.	.	.	.	.	.	.
30518001											.	.	.	.	.	.	.	.	.	.	.	.	.
30518002											.	.	.	.	.	.	.	.	.	.	.	.	.
30518003											.	.	.	.	.	.	.	.	.	.	.	.	.
30390926	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30390924	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30390922	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30390040	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30390918	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30390916	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30390038	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30390912	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30390909	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
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30390921	.										.	.	.	.	.	.	.	.	.	.	.	.	.
30390039	.										.	.	.	.	.	.	.	.	.	.	.	.	.
30390917	.										.	.	.	.	.	.	.	.	.	.	.	.	.
30390915	.										.	.	.	.	.	.	.	.	.	.	.	.	.
30390037	.										.	.	.	.	.	.	.	.	.	.	.	.	.
30390911	.										.	.	.	.	.	.	.	.	.	.	.	.	.
30390908	.										.	.	.	.	.	.	.	.	.	.	.	.	.

*Weight set contains two weights of this value

All weights come with a master carrying case.

- Sets where the largest weight is under 1 kg come with a brush and forceps.
- Sets where the largest weight is 1 kg – 5 kg come with brush, lifters and forceps.
- Weight sets where the largest weight is 10 kg and above are supplied with a Complete Accessory Kit which includes a microfibre cloth, nylon glove, small and wide brushes, and forceps.
- Weight and weight sets with NVLAP certificates: In order to get personalized certificate, please contact Sales Support Center.

The National Voluntary Laboratory Accreditation Program (NVLAP) provides third-party accreditation to testing and calibration laboratories in response to legislative actions or requests from government agencies or private-sector organizations. NVLAP-accredited laboratories are assessed against the management and technical requirements published in the International Standard, ISO/IEC 17025:2017. NVLAP has obtained approval from the International Laboratory Accreditation Cooperation (ILAC) for the use of the ILAC MRA Mark. For further details as well as list of member organizations please visit <https://ilac.org/>.

OIML E2 WEIGHTS

Flat polygonal sheet, aluminium, stainless steel

Model	Item N°
Weight 1 mg, OIML E2	30518004
Weight 2 mg, OIML E2	30518005
Weight 5 mg, OIML E2	30518006
Weight 10 mg, OIML E2	30518007
Weight 20 mg, OIML E2	30518008
Weight 50 mg, OIML E2	30518009
Weight 100 mg, OIML E2	30518010
Weight 200 mg, OIML E2	30518011
Weight 500 mg, OIML E2	30518012

With NVLAP Certificate

Item N°
80780284
80780285
80780286
80780287
80780288
80780289
80780290
80780291
80780292



OIML E2 WEIGHTS

Cylindrical shape, Troemner Alloy 8

Model	Item N°
Weight 1 g, OIML E2	30518013
Weight 2 g, OIML E2	30518014
Weight 5 g, OIML E2	30518015
Weight 10 g, OIML E2	30518016
Weight 20 g, OIML E2	30518017
Weight 50 g, OIML E2	30518018
Weight 100 g, OIML E2	30518019
Weight 200 g, OIML E2	30518020
Weight 500 g, OIML E2	30518021
Weight 1 kg, OIML E2	30518022
Weight 2 kg, OIML E2	30518023
Weight 5 kg, OIML E2	30518024
Weight 10 kg, OIML E2	30518025
Weight 20 kg, OIML E2	30518026

With NVLAP Certificate

Item N°
80780293
80780294
80780295
80780296
80780297
80780298
80780299
80780300
80780301
80780302
80780303
80780304
80780305
80780306



OIML E2 WEIGHTS SETS

Cylindrical shape, flat polygonal sheet Troemner Alloy 8, stainless steel, aluminum

Model	Item N°
Weight Set (12), 500 mg-1 mg, OIML E2	30518028
Weight Set (20), 50 g-1 mg, OIML E2	30518029
Weight Set (21), 100 g-1 mg, OIML E2	30518030
Weight Set (23), 2x200 g-1 mg, OIML E2	30518031
Weight Set (24), 500 g-1 mg, OIML E2	30518032
Weight Set (25), 1 kg-1 mg, OIML E2	30518033
Weight Set (27), 2x2 kg-1 mg, OIML E2	30518034
Weight Set (28), 5 kg-1 mg, OIML E2	30518035
Weight Set (8), 50 g-1 g, OIML E2	30518036
Weight Set (9), 100 g-1 g, OIML E2	30518037
Weight Set (11), 2x200 g-1 g, OIML E2	30518038
Weight Set (12), 500 g-1 g, OIML E2	30518039
Weight Set (13), 1 kg-1 g, OIML E2	30518040
Weight Set (15), 2x2 kg-1 g, OIML E2	30518041
Weight Set (16), 5 kg-1 g, OIML E2	30518042

With NVLAP Certificate

Item N°
80780381
80780383
80780385
80780387
80780391
80780393
80780395
80780399
80780384
80780386
80780388
80780392
80780394
80780396
80780400



All weights come with a plastic case.

Weights and weight sets with NVLAP certificates: In order to get a personalized certificate please contact our Sales Support Center on receipt of your order and provide the calibration certificate number

WEIGHT SET COMPOSITION - CLASS E2

Item N°	NVLAP Certificate	1 mg	2 mg*	5 mg	10 mg	20 mg*	50 mg	100 mg	200 mg*	500 mg	1 g	2 g*	5 g	10 g	20 g*	50 g	100 g	200 g*	500 g	1 kg	2 kg*	5 kg	10 kg
30518028		.	.	.	.	.	.	.	.	.													
30518029		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.							
30518030		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.						
30518031		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.					
30518032		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				
30518033		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
30518034		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
30518035		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30518036											.	.	.	.	.	.	.	.	.	.	.	.	.
30518037											.	.	.	.	.	.	.	.	.	.	.	.	.
30518038											.	.	.	.	.	.	.	.	.	.	.	.	.
30518039											.	.	.	.	.	.	.	.	.	.	.	.	.
30518040											.	.	.	.	.	.	.	.	.	.	.	.	.
30518041											.	.	.	.	.	.	.	.	.	.	.	.	.
30518042											.	.	.	.	.	.	.	.	.	.	.	.	.
80780381	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
80780383	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
80780385	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
80780387	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
80780391	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
80780393	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
80780395	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
80780399	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
80780384	.										.	.	.	.	.	.	.	.	.	.	.	.	.
80780386	.										.	.	.	.	.	.	.	.	.	.	.	.	.
80780388	.										.	.	.	.	.	.	.	.	.	.	.	.	.
80780392	.										.	.	.	.	.	.	.	.	.	.	.	.	.
80780394	.										.	.	.	.	.	.	.	.	.	.	.	.	.
80780396	.										.	.	.	.	.	.	.	.	.	.	.	.	.
80780400	.										.	.	.	.	.	.	.	.	.	.	.	.	.

*Weight set contains two weights of this value

All weights come with a master carrying case.

- Sets where the largest weight is under 1 kg come with a brush and forceps.
- Sets where the largest weight is 1 kg – 5 kg come with brush, lifters and forceps.
- Weight sets where the largest weight is 10 kg and above are supplied with a Complete Accessory Kit which includes a microfibre cloth, nylon glove, small and wide brushes, and forceps.
- Weight and weight sets with NVLAP certificates: In order to get personalized certificate, please contact Sales Support Center.

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OIML F1 WEIGHTS

Flat polygonal sheet, aluminium, stainless steel

Model	Item N°
Weight, 1 mg, OIML F1	80780307
Weight, 2 mg, OIML F1	80780308
Weight, 5 mg, OIML F1	80780309
Weight, 10 mg, OIML F1	80780310
Weight, 20 mg, OIML F1	80780311
Weight, 50 mg, OIML F1	80780312
Weight, 100 mg, OIML F1	80780313
Weight, 200 mg, OIML F1	80780314
Weight, 500 mg, OIML F1	80780315

With NVLAP Certificate

Item N°
80780331
80780332
80780333
80780334
80780335
80780336
80780337
80780338
80780339



OIML F1 WEIGHTS

Cylindrical shape, Troemner Alloy 8, stainless steel

Model	Item N°
Weight, 1 g, OIML F1	80780316
Weight, 2 g, OIML F1	80780317
Weight, 5 g, OIML F1	80780318
Weight, 10 g, OIML F1	80780319
Weight, 20 g, OIML F1	80780320
Weight, 50 g, OIML F1	80780321
Weight, 100 g, OIML F1	80780322
Weight, 200 g, OIML F1	80780323
Weight, 500 g, OIML F1	80780324
Weight, 1 kg, OIML F1	80780325
Weight, 2 kg, OIML F1	80780326
Weight, 5 kg, OIML F1	80780327
Weight, 10 kg, OIML F1	80780328
Weight, 20 kg, OIML F1	80780329

With NVLAP Certificate

Item N°
80780340
80780341
80780342
80780343
80780344
80780345
80780346
80780347
80780348
80780349
80780350
80780351
80780352
80780353



OIML F1 WEIGHTS SETS

Cylindrical shape, flat polygonal sheet Troemner Alloy 8, stainless steel, aluminum

Model	Item N°
Weight Set (12), 500 mg-1 mg, OIML F1	80780408
Weight Set (20), 50 g-1 mg, OIML F1	80780410
Weight Set (21), 100 g-1 mg, OIML F1	80780412
Weight Set (23), 2x200 g-1 mg, OIML F1	80780414
Weight Set (24), 500 g-1 mg, OIML F1	80780418
Weight Set (25), 1 kg-1 mg, OIML F1	80780420
Weight Set (27), 2x2 kg-1 mg, OIML F1	80780422
Weight Set (28), 5 kg-1 mg, OIML F1	80780426
Weight Set (8), 50 g-1 g, OIML F1	80780411
Weight Set (9), 100 g-1 g, OIML F1	80780413
Weight Set (11), 2x200 g-1 g, OIML F1	80780415
Weight Set (12), 500 g-1 g, OIML F1	80780419
Weight Set (13), 1 kg-1 g, OIML F1	80780421
Weight Set (15), 2x2 kg-1 g, OIML F1	80780423
Weight Set (16), 5 kg-1 g, OIML F1	80780427

With NVLAP Certificate

Item N°
80780435
80780437
80780439
80780441
80780445
80780447
80780449
80780453
80780438
80780440
80780442
80780446
80780448
80780450
80780454



All weights come with a plastic case.

Weights and weight sets with NVLAP certificates: In order to get a personalized certificate please contact our Sales Support Center on receipt of your order and provide the calibration certificate number

WEIGHT SET COMPOSITION - CLASS F1

Item N°	NVLAP Certificate	1 mg	2 mg*	5 mg	10 mg	20 mg*	50 mg	100 mg	200 mg*	500 mg	1 g	2 g*	5 g	10 g	20 g*	50 g	100 g	200 g*	500 g	1 kg	2 kg*	5 kg	10 kg
80780408		.	.	.	.	.	.	.	.	.													
80780410		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.							
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80780423											.	.	.	.	.	.	.	.	.	.	.	.	.
80780427											.	.	.	.	.	.	.	.	.	.	.	.	.
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80780454	.										.	.	.	.	.	.	.	.	.	.	.	.	.

*Weight set contains two weights of this value.

All weights come with a master carrying case.

- Sets where the largest weight is under 1 kg come with a brush and forceps.
- Sets where the largest weight is 1 kg – 5 kg come with brush, lifters and forceps.
- Weight sets where the largest weight is 10 kg and above are supplied with a Complete Accessory Kit which includes a microfibre cloth, nylon glove, small and wide brushes, and forceps.
- Weight and weight sets with NVLAP certificates: In order to get personalized certificate, please contact Sales Support Center.

The National Voluntary Laboratory Accreditation Program (NVLAP) provides third-party accreditation to testing and calibration laboratories in response to legislative actions or requests from government agencies or private-sector organizations. NVLAP-accredited laboratories are assessed against the management and technical requirements published in the International Standard, ISO/IEC 17025:2017. NVLAP has obtained approval from the International Laboratory Accreditation Cooperation (ILAC) for the use of the ILAC MRA Mark. For further details as well as list of member organizations please visit <https://ilac.org/>.

OIML F2 WEIGHTS

Flat polygonal sheet, aluminium, stainless steel

Model	Item N°
Weight, 1 mg, OIML F2	30390876
Weight, 2 mg, OIML F2	30390875
Weight, 5 mg, OIML F2	30390874
Weight, 10 mg, OIML F2	30390873
Weight, 20 mg, OIML F2	30390872
Weight, 50 mg, OIML F2	30390871
Weight, 100 mg, OIML F2	30390870
Weight, 200 mg, OIML F2	30390869
Weight, 500 mg, OIML F2	30390868

With NVLAP Certificate

Item N°
30390900
30390899
30390898
30390897
30390896
30390895
30390894
30390893
30390892



OIML F2 WEIGHTS

Cylindrical shape, Troemner Alloy 8, stainless steel

Model	Item N°
Weight, 1 g, OIML F2	30390867
Weight, 2 g, OIML F2	30390866
Weight, 5 g, OIML F2	30390865
Weight, 10 g, OIML F2	30390864
Weight, 20 g, OIML F2	30390863
Weight, 50 g, OIML F2	30390862
Weight, 100 g, OIML F2	30390861
Weight, 200 g, OIML F2	30390860
Weight, 500 g, OIML F2	30390859
Weight, 1 kg, OIML F2	30390858
Weight, 2 kg, OIML F2	30390857
Weight, 5 kg, OIML F2	30390856
Weight, 10 kg, OIML F2	30390855
Weight, 20 kg, OIML F2	30390854

With NVLAP Certificate

Item N°
30390891
30390890
30390889
30390888
30390887
30390886
30390885
30390884
30390883
30390882
30390881
30390880
30390879
30390878



OIML F2 WEIGHTS SETS

Cylindrical shape, flat polygonal sheet Troemner Alloy 8, Stainless Steel, Aluminum

Model	Item N°
Weight Set (12), 500 mg-1 mg, OIML F2	30390829
Weight Set (20), 50 g-1 mg, OIML F2	30390827
Weight Set (21), 100 g-1 mg, OIML F2	30390825
Weight Set (23), 2x200 g-1 mg, OIML F2	30390032
Weight Set (24), 500 g-1 mg, OIML F2	30390821
Weight Set (25), 1 kg-1 mg, OIML F2	30390819
Weight Set (27), 2x2 kg-1 mg, OIML F2	30390030
Weight Set (28), 5 kg-1 mg, OIML F2	30390815
Weight Set (8), 50 g-1 g, OIML F2	30390826
Weight Set (9), 100 g-1 g, OIML F2	30390824
Weight Set (11), 2x200 g-1 g, OIML F2	30390031
Weight Set (12), 500 g-1 g, OIML F2	30390820
Weight Set (13), 1 kg-1 g, OIML F2	30390818
Weight Set (15), 2x2 kg-1 g, OIML F2	30390029
Weight Set (16), 5 kg-1 g, OIML F2	30390814

With NVLAP Certificate

Item N°
30390852
30390850
30390848
30390036
30390844
30390842
30390034
30390838
30390849
30390847
30390035
30390843
30390841
30390033
30390837



All weights come with a plastic case.

Weights and weight sets with NVLAP certificates: In order to get a personalized certificate please contact our Sales Support Center on receipt of your order and provide the calibration certificate number

WEIGHT SET COMPOSITION - CLASS F2

Item N°	NVLAP Certificate	1 mg	2 mg*	5 mg	10 mg	20 mg*	50 mg	100 mg	200 mg*	500 mg	1 g	2 g*	5 g	10 g	20 g*	50 g	100 g	200 g*	500 g	1 kg	2 kg*	5 kg	10 kg
30390829		.	.	.	.	.	.	.	.	.													
30390827		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.							
30390825		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.						
30390032		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.					
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30390031											.	.	.	.	.	.	.	.	.	.	.	.	.
30390820											.	.	.	.	.	.	.	.	.	.	.	.	.
30390818											.	.	.	.	.	.	.	.	.	.	.	.	.
30390029											.	.	.	.	.	.	.	.	.	.	.	.	.
30390814											.	.	.	.	.	.	.	.	.	.	.	.	.
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30390035	.										.	.	.	.	.	.	.	.	.	.	.	.	.
30390843	.										.	.	.	.	.	.	.	.	.	.	.	.	.
30390841	.										.	.	.	.	.	.	.	.	.	.	.	.	.
30390033	.										.	.	.	.	.	.	.	.	.	.	.	.	.
30390837	.										.	.	.	.	.	.	.	.	.	.	.	.	.

*Weight set contains two weights of this value.

All weights come with a master carrying case.

- Sets where the largest weight is under 1 kg come with a brush and forceps.
- Sets where the largest weight is 1 kg – 5 kg come with brush, lifters and forceps.
- Weight sets where the largest weight is 10 kg and above are supplied with a Complete Accessory Kit which includes a microfibre cloth, nylon glove, small and wide brushes, and forceps.
- Weight and weight sets with NVLAP certificates: In order to get personalized certificate, please contact Sales Support Center.

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OIML M1 WEIGHTS

Stainless steel

Model	Item N°
Weight 1 g OIML M1	11117141
Weight 2 g OIML M1	11117142
Weight 5 g OIML M1	11117143
Weight 10 g OIML M1	11117144
Weight 20 g OIML M1	11117145
Weight 50 g OIML M1	11117146
Weight 100 g OIML M1	11117147
Weight 200 g OIML M1	11117148
Weight 500 g OIML M1	11117149
Weight 1 kg OIML M1	11117150
Weight 2 kg OIML M1	11117151
Weight 5 kg OIML M1	11117152
Weight 10 kg OIML M1	11117153

Iron

Model	Item N°
Rectangular weight 20 kg M1	87000007
Rectangular weight 10 kg M1	87000008
Rectangular weight 5 kg M1	87000009

OIML M3 WEIGHTS

Stainless steel

Model	Item N°
Weight 1 g OIML M3	11117206
Weight 2 g OIML M3	11117207
Weight 5 g OIML M3	11117208
Weight 10 g OIML M3	11117209
Weight 20 g OIML M3	11117210
Weight 50 g OIML M3	11117211
Weight 100 g OIML M3	11117212
Weight 200 g OIML M3	11117213
Weight 500 g OIML M3	11117214
Weight 1 kg OIML M3	11117215
Weight 2 kg OIML M3	11117216
Weight 5 kg OIML M3	11117217
Weight 10 kg OIML M3	11117218

OIML Weight sets 1 mg

Model	Item N°
M1 Weight set 1 mg - 500 mg (ALU)	87000010
M1 Weight set 1 mg - 100 g (ALU/Brass, SST)	87000011
M1 Weight set 1 mg - 200 g (ALU/Brass, SST)	87000012

OIML Weight sets 1 g

Model	Item N°
M1 Weight set 1 g - 50 g (Brass)	87000013
M1 Weight set 1 g - 500 g (SST, Brass)	87000014
M1 Weight set 1 g - 1000 g (SST, Brass)	87000015
M1 Weight set 1 g - 2000 g (SST, Brass)	87000016

With certificate

Model	Item N°
Weight OH 1 g M1AC	11117220
Weight OH 2 g M1AC	11117221
Weight OH 5 g M1AC	11117222
Weight OH 10 g M1AC	11117223
Weight OH 20 g M1AC	11117224
Weight OH 50 g M1AC	11117225
Weight OH 100 g M1AC	11117226
Weight OH 200 g M1AC	11117227
Weight OH 500 g M1AC	11117228
Weight OH 1 kg M1AC	11117229
Weight OH 2 kg M1AC	11117230
Weight OH 5 kg M1AC	11117231
Weight OH 10 kg M1AC	11117232

With certificate

Model	Item N°
Weight 1 g OIML M3	11117234
Weight 2 g OIML M3	11117235
Weight 5 g OIML M3	11117236
Weight 10 g OIML M3	11117237
Weight 20 g OIML M3	11117238
Weight 50 g OIML M3	11117239
Weight 100 g OIML M3	11117240
Weight 200 g OIML M3	11117241
Weight 500 g OIML M3	11117242
Weight 1 kg OIML M3	11117243
Weight 2 kg OIML M3	11117244
Weight 5 kg OIML M3	11117245
Weight 10 kg OIML M3	11117246

With certificate

Model	Item N°
F1 Weight set 1 mg – 500 mg	87000034

With certificate

Model	Item N°
F1 Weight set 1 g – 500 g	87000035

SF-110B

A trusted printer that supports industry compliance

Application

Direct, Weighing, Multi Weighing, Tare/Gross/Net, Statistic, Sum, Mean, Formulation, Loss Weight

Display

OLED 128 x 64 Dot Matrix Display

Operation

AC adapter (included)

Communication

RS232 (Included)

Construction

ABS housing

Design Features

High-speed dot matrix printing, 40 characters per line, auto tare operation directly from the printer, multi-user access control, editable header and trailer



A login password for each user fully prevents unauthorized changes to the printer settings such as date/time.

The SF-110B provides users with full functionality from the most basic printing needs to the advanced applications, including statistics, totalization, formulation, averaging and interval printing.

Additional information like Sample name/ID can be printed before each weighing that complements the report and improves data traceability.

Model	Item N°
Printer SF-110B Impact	30708371
Accessories	Item N°
Paper Roll	12120799
Ink Ribbon, Black	30529322

OHAUS Product Test With SF-110B Printer

	Direct	Weighing	Multi weighing	Statistics	Sum	Mean	Formulation	Loss Weight	Zero/Tare
EX	YES	YES	YES	YES	YES	YES	YES	YES	YES
AX	YES	YES	YES	YES	YES	YES	YES	YES	YES
PX/PR	YES	YES	YES	YES	YES	YES	YES	YES	YES
Scout STX	YES	YES	YES	YES	YES	YES	YES	YES	YES
Scout SKX	YES	YES	YES	YES	YES	YES	YES	YES	YES
Navigator	YES	NO	NO	NO	NO	NO	NO	NO	NO
MB90/120	YES*	NO	NO	NO	NO	NO	NO	NO	NO
MB23/25/27	YES	YES	YES	YES	YES	YES	YES	YES	YES
T24P	YES	NO	NO	NO	NO	NO	NO	NO	NO
i-DT33P, i-DT33XW	YES	YES	YES	YES	YES	YES	YES	YES	YES
TD52P/TD52XW	YES	YES	YES	YES	YES	YES	YES	YES	YES
i-DT61XWE	YES	YES	YES	YES	YES	YES	YES	YES	YES
T72XW	NO	NO	NO	NO	NO	NO	NO	NO	NO
R2000/RC2000	YES	YES	YES	YES	YES	YES	YES	YES	YES
R3000/RC3000	YES	YES	YES	YES	YES	YES	YES	YES	YES
R4000/RC4000	YES	YES	YES	YES	YES	YES	YES	YES	YES
R7000	YES	YES	YES	YES	YES	YES	YES	YES	YES
V12	YES	NO	NO	NO	NO	NO	NO	NO	NO
V71	YES	YES	YES	YES	YES	YES	YES	YES	YES
Catapult 5000	YES	NO	NO	NO	NO	NO	NO	NO	NO

*automatically print when the test is finished

SF40A

OHAUS value in a full-featured, portable printer.

Application

Impact Printing, Statistics, Totalization

Operation

AC adapter (included)

Communication

RS233 (included)

Construction

ABS housing

Design Features

Status indicator, 40 characters per line, compatible with continuous labelpaper, perform zero and tare operations directly from the printer



The statistics and totalization modes and real time clock complement OHAUS weighing instruments' application modes and offer functionality that assists the reporting processes.*

SF40A helps support the efficiency of the weighing and recording processes. RS232 interface and PC configuration software make setting up and using the printer fast and simple.

With the ability to print in 13 different languages, SF40A can print in the language of the connected device to support universal operation.

* compatible with most of OHAUS products

Model	Item N°
Impact printer SF40A	30064202
Accessories	Item N°
SF40A Paper rotary axis	30063920
SF40A Paper roll (57,5mm 2pcs)	12120799
SF40A Ink ribbon cassette	30529322
Adhesive Paper Rolls (3 pcs)	11600388

OHAUS Product Test With SF40A Printer

	Print	Zero/Tare	Statistics	Totalization
Adventurer AX	YES	YES	YES	YES
Explorer EX	YES	YES	YES	YES
Navigator	YES	YES	YES	YES
PR Series	YES	YES	YES	YES
Pioneer PX/PJX/PXP	YES	YES	YES	YES
Scout STX/SKX/SJX	YES	YES	YES	YES
MB23/25	YES	YES	YES	YES
MB90/120	YES	YES	YES	YES
i-DT33P	YES	NO	NO	NO
T51P	YES	YES	YES	YES
TD52	YES	YES	YES	YES
T71P	YES	YES	YES	YES
T32M	YES	NO	NO	NO

	Print	Zero/Tare	Statistics	Totalization
i-DT33XW	YES	NO	NO	NO
T51XW	YES	YES	YES	YES
T71XW	YES	YES	YES	YES
T72XW	YES	YES	YES	YES
T82XW	YES	NO	NO	NO
CKW	YES	NO	NO	NO
Ranger 3000	YES	YES	YES*	YES
Ranger 4000	YES	YES	YES	YES
Ranger 7000	YES	YES	YES	YES
Valor 3000	YES	NO	NO	NO
Valor 7000	YES	YES	YES	YES

*not supported in Dynamic Mode

STP103

Economical Palm-Sized Thermal Printer

Design Features

Status indicator, paper feed, graphics printing capability



- Ultra compact and features low power consumption.
- 42 column printing at a speed of approximately 11.8 lines per second.
- Simple paper loading and suspends printing when printing paper becomes low.

Model	Item N°
STP103 Thermal Printer	80251993
Accessories	Item N°
Thermal Paper Roll for STP103 Printer	80251931

PRINTER CABLES

Printer Cables	Item N°	Explorer EX	Adventurer AX	Pioneer PX	PR Series	MB120, 90, 27, 25, 23	Navigator	Scout	Defender DxxP, Defender TxxP	Defender DxxXW, Defender TDxxXW	Ranger	Valor	2nd RS232 Defender	Ranger 7000	2nd RS232 Ranger 3000, 4000	2nd RS232 Valor 7000
SF40A Printer Cable RS9 M/F	30529323	•	•	•	•	•			•		•				•	
SF40A Printer Cable RS9 F/Bare Wire	80500552									•			•	•		•
SF40A Printer Cable Adapter RS9 F/M (for Scout and Navigator adapter needed)	30059316						•	•								
STP103 Printer Cable RS9 M/F + Adapter	80252581	•	•	•	•	•			•						•	
STP103 Printer Cable RS9 M/Bare Wire + Adapter	80252584									•			•	•		•
STP103 Printer Cable Adapter RS25 M/RS 9 M (for Scout and Navigator adapter needed)	80251930						•	•								
Scout RS232 Interface Kit (Required to connect to STP103 and SF40)	30268982							•								
Navigator RS232 Interface Kit (Required to connect to STP103 and SF40)	83032107						•									
RS232 Cable for connection to Zebra printers and reference balances	30057595	•							•	•	•			•		

Items 30529323 and 30059316 are included with the SF40A printer as standard.

Please check cables compatibility with our Sales Support Center prior to placing an order

Note: Scout and Navigator require RS232 accessory for printer connection

Note: 30057595 needs one connector cutting off to connect Zebra to Defender XW

SERIAL PORT DATA COLLECTION SOFTWARE

Free of charge!



Automatic data capture.

Direct data transfer to MS Office Excel, Word, Access or text file.

Compatible with OHAUS scales and balances equipped with RS232 or Ethernet.

PC CABLES

PC Cables	Item N°	Explorer EX (Version 1 Terminal)	Explorer EX (Version 2 Terminal)	Adventurer AX	Pioneer PX	PR Series	MB90, 120	MB23, 25, 27	Navigator	Scout	Defender 2000 TxxP	Defender 3000 TxxP TxxM	Defender 5000 TDxxP	Defender 5000 TDxxXW	Defender 5000 TDxxXW 2nd RS232	Defender 6000 TD61XW	Defender 000 TD61XW 2nd RS232	Defender 7000 T72XW	Defender 7000 T72XW 2nd RS232 (COM 2)	Valor 7000	Valor 7000 2nd RS232	Ranger 2000	Ranger 3000	Ranger 3000 2nd RS232	Ranger 4000	Ranger 4000 2nd RS232	Ranger 7000	Ranger 7000 2nd RS232	
RS232 9 Pin PC Cable RS9 F/Bare Wire	80500552													*	*		*	*	*	*				*					*
RS232 9 Pin PC Cable RS9 M/F	410024	*	*	*	*	*	*	*			*	*	*							*		*	*		*	*	*	*	*
USB (Type A to B) Cable	83021085	*		*	*		*						*	*		*		*							*			*	
USB A to Mini USB Cable	28120263		*																										
RS232-USB Converter	30304101	*	*	*	*	*	*	*			*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Scout RS232 Interface Kit (Required to connect to PC)	30268982									*																			
Scout USB Interface Kit (Required to connect to PC)	30268984									*																			
Navigator RS232 Interface Kit (Required to connect to PC)	83032107								*																				
Navigator USB Interface Kit (Required to connect to PC)	83032108								*																				

Please check cables compatibility with our Sales Support Center prior to placing an order

PIPETTE ADJUSTMENT KIT

For Explorer Semi-Micro balances

Application

Pipette Adjustment for Explorer Semi-Micro balances



Model	Item N°
Pipette adjustment kit	30252145

ION-100A Ionizer

Increasing weighing accuracy by reducing static electricity

Application

Eliminating static electricity on plastic and glass weighing vessels which are particularly prone to attracting static charges

Design Features

Fan-free technology, replaceable electrodes, adjustable angle for better alignment with the balance



Fan-free technology neutralizes static with no sample disruption.

An easily replaceable long-running motor.

A compact and versatile design.

Model	Item N°
ION-100A	30095929
Accessories	Item N°
Replacement Electrode ION-100A	30133391

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