

KERN EMB 1000-2

KERN

Entry level laboratory balance with tremendous weighing performance



Category	
Brand	KERN
Product category	Laboratory balance
Product group	School balance
Product family	EMB

Measuring System	
Weighing system	Strain gauge
Weighing capacity [Max]	1000 g
Readability [d]	0,01 g
Reproducibility	0,01 g
Linearity	± 0,05 g
Resolution	100.000
Tare range	1000 g
Adjustment options	Adjusting with external weight
Recommended adjusting weight	1 kg (F2)
Possible calibration points	1 kg
Stabilization time	2,5 s
Eccentric loading at 1/3 [Max]	0,05 g
Construction type of the scale	Single-range balance
Units	g dwt ozt oz
Maximum creep (15 minutes)	100 mg
Maximum creep (30 minutes)	200 mg
Default unit	g

Display	
Display type	LCD
Display backlight	no

Display screen size	58×18 mm
Display digit height	15 mm
Languages of the user interface	Symbol language

Construction	
Dimension housing (W×D×H)	170×244×39 mm
Dimensions weighing surface (Ø)	150 mm
Dimensions weighing surface	150 mm
Material housing	plastic
Material weighing plate	plastic

Functions	
Underfloor weighing	Hook (included in delivery)
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min
Tare function	manual (multi)
Number of keys for operation	2

Power Supply	
Supplied power supply	Battery
Power supply type	Power adapter
Plug-in power supply / adapter for countries - optional	EURO UK US CH
Input voltage device / power [Max]	9 V, 300 mA
Battery / accumulator type	Alkali(-Manganese)
Battery	9 V block
Battery connection	Pad + Spring
Battery operating time	16 h
Battery voltage	9 V
Battery - Number of cells	1
Battery - Individual weight	48,7 g
Battery - Total weight	48,7 g
Rechargeable battery	KS-A01
Rechargeable battery operating time - backlight off	50 h
Rechargeable battery charging time	10 h
Rechargeable battery optional	Rchrg. battery optional
Battery/Accu connected	not connected, enclosed

Environmental conditions	
Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C
Humidity of environment [Max]	80 %
Storage temperature [Min]	-20 °C

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Storage temperature [Max]	60 °C
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Approval

CE mark	✓
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Services (optional)

Article number for DAkkS calibration	963-127
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Article number for certificate of conformity	969-517
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Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	220×290×150 mm
Shipping method	Parcel service
Net weight approx.	0,90 kg
Gross weight approx.	1,4 kg
Shipping weight	1,9 kg

Product information

GTIN/EAN number	4045761098053
Trade number	90160010
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

