

KERN EG 620-3NM

KERN

The classic balance with robust tuning fork measuring system



Category	
Brand	KERN
Product category	Laboratory balance
Product group	Precision balance
Product family	EG

Measuring System	
Weighing system	Tuning fork
Weighing capacity [Max]	620 g
Readability [d]	0,001 g
Reproducibility	0,001 g
Linearity	± 0,004 g
Minimum weight [Min]	0,1 g
Conformity assessment possible	✓
Resolution	620.000
Adjustment options	Adjusting with internal weight (manual)
Stabilization time	3 s
Eccentric loading at 1/3 [Max]	0,004 g
Units (if device is conformity assessed)	g ct
Minimum weight [Min] (ct)	0,2 ct
USP Minimum weight of sample (k = 2, U = 0.1%)	2 g
Construction type of the scale	Single-range balance

Units

g
dwt
tl (Tw)
tl (HK)
ozt
tl (Singap, Malays)
ct
mo
lb

	oz tol
Weighing capacity [Max] (ct)	3100 ct
Readability carat [d] (ct)	0,01 ct
Default unit	g

Display	
Display type	LCD
Display backlight	✓
Display screen size	109×22 mm
Display digit height	17 mm
Languages of the user interface	Symbol language

Construction	
Dimension housing (W×D×H)	180×235×75 mm
Dimensions completely mounted (W×D×H)	185×235×165 mm
Dimensions rectangular draught shield - inner (W×D×H)	158×130×78 mm
Dimensions rectangular draught shield - outer (W×D×H)	174×144×105 mm
Dimensions weighing surface (Ø)	118 mm
Dimensions weighing surface	118 mm
Material housing	plastic
Material weighing plate	stainless steel
Material platform	stainless steel
Material draught shield	plastic
Level indicator	✓
Levelling feet adjustable	✓
Draught shield optional	✓

Functions	
Percentage determination	✓
Tolerance weighing	✓
Underfloor weighing	Eye (optional)
Capacity - Display	✓
Counting function	✓
Counting resolution (laboratory conditions)	620.000
Smallest piece weight when piece counting - laboratory conditions	1 mg
Smallest piece weight when piece counting - normal conditions	10 mg
Reference quantity	10, 30, 50, 100
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min
Auto-off interval(s) in mains power mode	3 min

