

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 (F1)
Possible calibration points	1 kg
Stabilization time	2,5 s
Warm-up time	120 min
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
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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	45,5 g
Battery - Total weight	45,5 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 %

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Storage temperature [Min] -20 °C

Storage temperature [Max] 60 °C

Approval

CE mark ✓

Services (optional)

Article number for DAkkS calibration 963-127

Article number for certificate of conformity 969-517

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

REACH classification no prohibited substances

Pictograms

STANDARD



OPTION

