

KERN EMB 3000-1



Entry level laboratory balance with tremendous weighing performance



Category

Brand	KERN
Product category	Laboratory balances
Product group	School balances

Measuring System

Readability [d]	0,1 g
Weighing capacity [Max]	3000 g
Eccentric loading at 1/3 [Max]	0,5 g
Reproducibility	0,1 g
Linearity	± 0,3 g
Weighing system	Strain gauge
Resolution	30.000
Tare range	3000 g
Units	g dwt oz t oz
Default unit	g
Stabilization time	3 s
Warm-up time	120 min
Adjustment options	Adjusting with external weight
Recommended adjusting weight	3 kg (M1)
Possible calibration points	3 kg

Approval

CE mark	✓
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Display

Display digit height	15 mm
Display backlight	no
Display screen size	58×18 mm
Languages of the user interface	Symbol language

Construction

Dimension housing (W×D×H)	170×245×39 mm
Dimensions weighing surface (Ø)	150 mm
Material housing	plastic
Material display housing	Plastics
Material weighing plate	plastic

Functions

Number of keys for operation	2
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min
Tare function	manual (multi)
Underfloor weighing	Eye
IP protection - complete device	-

Power Supply

Input voltage device / power [Max]	9 V, 300 mA
Plug-in power supply type	Power adapter
Supplied plug-in power supply	Battery
Plug-in power supply / adapter for countries - optional	EURO UK US CH
Rechargeable battery optional	Rchrg. battery optional
Rechargeable battery charging time	10 h
Rechargeable battery operating time - backlight off	50 h
Battery	9 V block
Battery operating time	12 h

Environmental conditions

Humidity of environment [Max]	80 %
Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C

Packing & Shipping

Readability force [d] (N)	1 d
Shipping method	Parcel service
Dimensions packaging (W×D×H)	265×207×116 mm
Net weight approx.	0,55 kg
Gross weight approx.	0,70 kg

Services (optional)

Article number for adjustment at the location of installation	961-247
Article number for DAKKS calibration	963-127

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Article number for certificate of
conformity (verification) 969-517

Piktogramme

STANDARD



OPTION

