

# 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

Construction type of the scale	Single-range balance
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
Maximum creep (15 minutes)	100 mg
Maximum creep (30 minutes)	200 mg
Default unit	g
Units	g dwt ozt oz

## 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
Plug-in 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
Rechargeable battery	KS-A01
Rechargeable battery operating time - backlight off	50 h
Rechargeable battery charging time	10 h
Rechargeable battery optional	Rchrg. battery optional

## Environmental conditions

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

## Pictograms

### STANDARD



### OPTION

