

# KERN EMB 6000-1

# 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]	6000 g
Readability [d]	0,1 g
Reproducibility	0,1 g
Linearity	± 0,3 g
Resolution	60.000
Tare range	6000 g
Adjustment options	Adjusting with external weight
Recommended adjusting weight	5 kg (M1)
Possible calibration points	5 kg
Stabilization time	3 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,5 g
Maximum creep (15 minutes)	1 g
Maximum creep (30 minutes)	2 g
Default unit	g
Units	g dwt ozt oz

## 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
Material display housing	Plastics

## Functions

Underfloor weighing	Hook (included in delivery)
IP protection - complete device	-
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
	EURO
Plug-in power supply / adapter for countries - optional	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	12 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

# KERN EMB 6000-1



Entry level laboratory balance with tremendous weighing performance

## Approval

CE mark ✓

## Services (optional)

Article number for DAkkS calibration 963-128

Article number for certificate of conformity 969-517

## Packing & Shipping

Delivery time 1 d  
Dimensions packaging (W×D×H) 200×265×66 mm  
Shipping method Parcel service  
Net weight approx. 0,55 kg  
Gross weight approx. 0,70 kg  
Shipping weight 0,7 kg

## Pictograms

### STANDARD



### OPTION

