

# KERN EMB 2000-2

# KERN

Entry level laboratory balance with tremendous weighing performance



## Display

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

## Construction

Dimension housing (W×D×H)	170×244×39 mm
Material display housing	Plastics
Material housing	plastic
Material weighing plate	plastic
Dimensions weighing surface (Ø)	150 mm

## 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	Hook (included in delivery)
IP protection - complete device	-

## Power Supply

Input voltage device / power [Max]	9 V, 300 mA
Plug-in power supply type	Power adapter
Supplied power supply	Battery
	EURO
Plug-in power supply / adapter for countries - optional	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 / accumulator type	Alkali(-Manganese)
Battery connection	Pad + Spring
Battery voltage	9 V
Battery operating time	12 h

## Environmental conditions

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

## 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]	2000 g
Readability [d]	0,01 g
Resolution	200.000
Linearity	± 0,05 g
Reproducibility	0,01 g
Tare range	2000 g
Default unit	g
Units	g dwt ozt oz
Adjustment options	Adjusting with external weight
Recommended adjusting weight	2 kg (F1)
Possible calibration points	2 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

## Approval

CE mark	✓
---------	---

# KERN EMB 2000-2



Entry level laboratory balance with tremendous weighing performance

Storage temperature [Max] 60 °C

## Packing & Shipping

Readability force [d] (N) 1 d  
Dimensions packaging (W×D×H) 220×290×150 mm  
Net weight 0,86 kg  
Shipping method Parcel service  
Net weight approx. 0,90 kg  
Gross weight approx. 1,4 kg  
Shipping weight 1,9 kg

## Services (optional)

Article number for DAkkS calibration 963-127  
Article number for certificate of conformity (verification) 969-517

## Pictograms

### STANDARD



### OPTION

