

KERN PCB 2000-1

The standard in the laboratory



Category

Brand	KERN
Product category	Laboratory balances
Product group	Precision balances

Measuring system

Weighing system	Strain gauge
Weighing range (Max)	2000 g
Readability (g)	0,1 g
Resolution	20.000
Reproducibility	0,1 g
Linearity	± 0,2 g
Eccentric loading at 1/3 max	0,3 g
Recommended adjusting	2 kg (M1)
Possible adjustment points	500 g; 1 kg; 1,5 kg; 2 kg
Stabilisation time	3 s
Warm up time	30 min
Adjustment options	External calibration
UPS Minimum sample weight (k = 2, U = 0.1%)	200 g

Technical data about verification

CE mark	✓
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Construction

Material of weighing plate	stainless steel
Weighing surface (rectangular)	130×130 mm
weighingAreaMkt	130×130 mm
Material of housing	Plastics
Dimensions of housing (without removable parts)	166×249×80 mm

Display

Type of display	LCD
Display digit height - large	21 mm
Display - backlight	✓
Languages of the user interface	English

Functions

Smallest piece weight when piece counting	200 mg
The smallest piece weight when piece counting - under normal conditions	2 g
Counting resolution	10.000
Counting reference	5, 10, 20, 25, 51

Functions

Percentage weighing	✓
Animal weighing/peak hold function	✓
Counting function	✓
Tare function	[Value missing]
Underfloor weighing	Hook
Recipe/totalising level	Rez A (Netto-Total)
Number of keys to operate the device	5
Stability	A (Laborwaagen: Nettogewicht < 1.5kg)
Dispensing recommendation	A (Laborwaagen: Dehnungsmessstreifen)

Power supply

Power supply delivered with the product	Power supply unit
Type of power supply	Power adapter
Input voltage for power supply/ max. power	100-240V AC 50/60Hz 0.5A
Input voltage for device/ max. power	9 V, 300 mA
Optional battery pack	Rchg. battery optional
Rechargeable battery pack	PCB-A01
Battery pack - backlight off	48 h
Battery pack - backlight on	24 h
Battery pack charging time	8 h
Batteries	9 V block
Battery operating time	20 h

Environmental conditions

Air humidity of environment (max)	80 %
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Minimum ambient temperature	5 °C
Ambient temperature (max.)	35 °C

Packing & Shipping

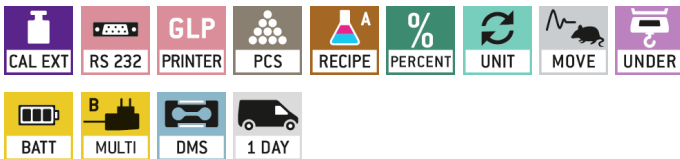
Dimensions of packaging	230×357×180 mm
Net weight approx.	1,4 kg
Gross weight approx.	1,8 kg
Total delivery time	1 d
Art des Versands	Parcel service

Dienstleistungen (optional)

DAkkS/DKD - items	963-127
Item no. Adjustment at the location of installation	961-247
Items Certificate of conformity	969-517

Pictograms

STANDARD



OPTION

