

# KERN PCB 6000-1

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)	6000 g
Readability (g)	0,1 g
Resolution	60.000
Reproducibility	0,1 g
Linearity	± 0,3 g
Eccentric loading at 1/3 max	0,3 g
Recommended adjusting	5 kg (F2)
Possible adjustment points	1 kg; 2 kg; 5 kg; 6 kg
Stabilisation time	3 s
Warm up time	120 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)	150×170 mm
weighingAreaMkt	150×170 mm
Material of housing	Plastics
Dimensions of housing (without removable parts)	245×167×82 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	30.000
Counting reference	5, 10, 20, 25, 51

## Functions

Percentage weighing	✓
Animal weighing/peak hold function	✓
Counting function	✓
Tare function	[Value missing]
Underfloor weighing	Haken (im Lieferumfang)
Recipe/totalising level	Rez A (Netto-Total)
Number of keys to operate the device	5
Stability	B (Laborwaagen: Nettogewicht 1.5 kg bis 5 kg)
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

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## Environmental conditions

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

## Packing & Shipping

Dimensions of packaging	230×360×175 mm
Net weight approx.	1,8 kg
Gross weight approx.	2,2 kg
Total delivery time	1 d
Art des Versands	Parcel service

## Dienstleistungen (optional)

DAkkS/DKD - items	963-128
Item no. Adjustment at the location of installation	961-248
Items Certificate of conformity	969-517

## Pictograms

### STANDARD



### OPTION

