

# KERN PFB 6000-1



Quick-display precision balance with user-friendly concept of operation mode  
- now with larger housing for more stability



Material of housing	Plastics
Dimensions of housing (without removable parts)	210×315×90 mm
Material for loadcell(s)	Aluminium

Display	
Type of display	LCD
Display digit height - large	15 mm
Display - backlight	✓
Languages of the user interface	symbol language

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	10, 20, 50, 100, 201

Functions	
Percentage weighing	✓
Counting function	✓
Capacity display	✓
Auto-Off (battery)	3 min
Tare function	manual (single/multi)
Recipe/totalising level	Rez A (Netto-Total)
Number of keys to operate the device	7
IP protection - loadcell	IP65

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
Input voltage for power supply/ max. power	100 V - 240 V, 50 / 60 Hz
Input voltage for device/ max. power	12 V, 500 mA

Environmental conditions	
Air humidity of environment (min)	0 %
Air humidity of environment (max)	80 %
Minimum ambient temperature	15 °C

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
Tare range	6000 g
Reproducibility	0,1 g
Linearity	± 0,3 g
Eccentric loading at 1/3 max	0,5 g
Recommended adjusting	6 kg (F1)
Stabilisation time	3 s
Warm up time	120 min
Adjustment options	External calibration
loadcellType	[Value missing]
Weighing range (max) in carat	30000 ct
Readout (d) in carat	0,5 ct
UPS Minimum sample weight (k = 2, U = 0.1%)	200 g

Technical data about verification	
CE mark	✓

Construction	
Material of weighing plate	stainless steel
Weighing surface (rectangular)	190×180 mm
weighingAreaMkt	190×180 mm
Dimensions of weighing platform	190×180×95 mm

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Ambient temperature (max.) 30 °C

## Packing & Shipping

Dimensions of packaging	375×280×275 mm
Net weight approx.	2,0 kg
Gross weight approx.	2,8 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



### FACTORY

