

KERN PCD 250-3



High-resolution precision balance with removable display for maximum flexibility



Eccentric loading at 1/3 [Max]	0,005 g
Maximum creep (15 minutes)	10 mg
Maximum creep (30 minutes)	20 mg

Approval

CE mark	✓
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Display

Display type	LCD
Display backlight	✓
Display digit height	21 mm
Languages of the user interface	English

Construction

Dimensions device (W×D×H)	165×280×75 mm
Dimension display device (W×D×H)	140×46×82 mm
Dimension housing (W×D×H)	165×280×75 mm
Dimensions rectangular draught shield - inner (W×D×H)	146×146×80 mm
Dimensions rectangular draught shield - outer (W×D×H)	157×157×80 mm
Dimensions completely mounted (W×D×H)	165×280×141 mm
Material display housing	Plastics
Material housing	plastic
Material weighing plate	plastic, with conductive lacquer
Material draught shield	plastic
Dimensions weighing surface (Ø)	105 mm
Display device cable length	1,2 m
Levelling feet adjustable	✓
Stand height	250 mm
Stand inclinable	✓

Functions

Number of keys for operation	5
Auto-off interval(s) in mains power mode	off
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min
Tare function	manual (multi)
Percentage determination	✓
Counting function	✓
Function for averaging under unstable weighing conditions	✓
Peak function	✓
Recipe/summing level	Rez A (Net total)
Underfloor weighing	None

Category

Brand	KERN
Product category	Laboratory balance
Product group	Precision balance
Product family	PCD

Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	250 g
Readability [d]	0,001 g
Resolution	250.000
Linearity	± 0,005 g
Reproducibility	0,002 g
Tare range	250 g
Default unit	g

Units	g
	gn
	dwt
	tl (Tw)
	tl (HK)
	ozt
	ct
	mo
	oz
	ffa
tol	

Adjustment options	Adjusting with external weight
Recommended adjusting weight	250 g (F1)
Possible calibration points	50 g; 100 g; 150 g; 200 g; 250 g
Stabilization time	3 s
Warm-up time	120 min

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Interfaces RS-232 standard

Shipping weight 3,1 kg

Counting

Smallest piece weight when piece counting - laboratory conditions	2 mg
Smallest piece weight when piece counting - normal conditions	20 mg
Reference quantity	5, 10, 20, 25, 50
Counting resolution (laboratory conditions)	125.000

Services (optional)

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

Power Supply

Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Input voltage device / power [Max]	9 V, 300 mA
Plug-in power supply type	Power adapter
Supplied power supply	Power supply unit
Plug-in power supply / adapter for countries - included with the delivery	EURO UK US CH
Plug-in power supply / adapter for countries - optional	US
Rechargeable battery optional	Rchrg. battery optional
Rechargeable battery charging time	10 h
Rechargeable battery operating time - backlight on	12 h
Rechargeable battery operating time - backlight off	24 h
Battery	9 V block
Battery connection	Plug-in terminals
Battery operating time	12 h

Pictograms

STANDARD



OPTION



Environmental conditions

Humidity of environment [Max]	80 %
Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	238×357×180 mm
Net weight	1,1 kg
Shipping method	Parcel service
Net weight approx.	1,2 kg
Gross weight approx.	1,8 kg