KERN **PCB 300-3**

The standard in the laboratory, ideal for a wide range of applications for Industry 4.0

Category

Brand	KERN
Product category	Laboratory balances
Product group	Precision balances

Measuring System

Readability [d]	0,001 g
Weighing capacity [Max]	360 g
Eccentric loading at 1/3 [Max]	0,005 g
USP Minimum weight of sample (k = 2, U = 0.1%)	2 g
Reproducibility	0,001 g
Linearity	± 0,005 g
Weighing system	Strain gauge
Resolution	360.000
Tare range	350 g
Units	kg g gn dwt tl (Tw) tl (HK) ozt tl (Singap, Malays) ct mo lb oz ffa m
Default unit	g
Stabilization time	3 s
Warm-up time	120 min
Adjustment options	Adjusting with external weight
Recommended adjusting weight	200 g (F1)
Possible calibration points	100 g; 200 g; 350 g

Approval

CE mark	✓

Display

Display digit height	21 mm
Display backlight	✓
Display screen size	89×30 mm
Languages of the user interface	English Symbol language

Construction

Dimension housing (W×D×H)	163×245×65 mm
Dimensions completely mounted (W×D×H)	163×245×123 mm
Dimensions ring-shaped draught shield - inner (Ø×H)	90×40 mm
Dimensions weighing surface (Ø)	82 mm
Material housing	plastic
Material display housing	Plastics
Material weighing plate	plastic, with conductive lacquer
Material platform	Plastics
Material draught shield	plastic
Levelling feet adjustable	✓

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	5 min 2 min 1 min 30 min 60 min 30 sec
Tare function	manual (multi)
Percentage determination	✓
Counting function	✓
Tolerance weighing	✓
Function for averaging under unstable weighing conditions	✓
Recipe/summing level	Rez A (Net total)
Underfloor weighing	Hook (included in delivery)
Interfaces	RS-232 (optional) Ethernet (optional) USB-Device (optional) KUP WiFi (optional)
IP protection - display	no IP protection

Counting

Smallest piece weight when piece counting - laboratory conditions	2 mg
Smallest piece weight when piece counting - normal conditions	20 mg
Counting reference weight can be entered	✓
Reference quantity	5, 10, 20, 50, n (any number of pieces)

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Counting resolution (laboratory conditions)	180.000

Power Supply

Input voltage power supply / power [Max]	100 V – 240 V AC, 50 / 60 Hz
Input voltage device / power [Max]	6 V, 1 A
Plug-in power supply type	Power adapter
Supplied plug-in 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	EURO UK US CH
Rechargeable battery optional	Rchrg. battery optional
Rechargeable battery	PCB-A01
Rechargeable battery charging time	8 h
Rechargeable battery operating time – backlight on	24 h
Rechargeable battery operating time – backlight off	48 h
Battery	4×1.5 V AA
Battery operating time	20 h

Environmental conditions

Humity of environment [Max]	80 %
Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C

Packing & Shipping

Readability force [d] (N)	1 d
Shipping method	Parcel service
Dimensions packaging (W×D×H)	235×365×175 mm
Net weight approx.	0,85 kg
Gross weight approx.	1,8 kg
Shipping weight	2,9 kg

Services (optional)

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

Piktogramme

STANDARD

CAL EXT	KUP	KCP PROTOCOL	GLP PRINTER	PCS	RECIPE	PERCENT	UNIT	TOL

MOVE	UNDER	BATT	MULTI	DMS	1 DAY

OPTION

ET	RS 232	USB	WLAN	LAN	ACCU	DAkkS +3 DAYS