KERN PCB 200-3

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



Article codes, product groups & Status information	
Model article-code	PCB 200-3
Model-Serie	PCB
Assortment	Scales
Product Type	Laboratory balances
Product group	Precision balances
Product usage type	Main article
EAN code (Model)	4045761215610
Predecessor Model	440-21A; KB 120-3N; KB 240-3N; PCB 100-3; PCB 250-3
Planned start date	2022-2HJ
Customs tariff number	90160010
CE Label	Yes
Country of Origin	CN

Technical data - Primary	
Weighing capacity	200 g
Readability	0,001 g
Repeatability	0,001 g
Linearity	± 0,005 g
Minimum piece weight	20 mg
Weighing surface (d)	82 mm

Technical data - Construction	
Dimension housing (W×D×H)	163×245×65 mm
Bubble Level	Yes
Material weighing plate	Plastic, with conductive lacquer
Revolving screw feet	Yes
Casing material	Plastic
Weighing surface (d)	82 mm
Dimensions of weighing plate (diameter)	82 mm
Dimensions draft shield, inner (Ø×H)	90×40 mm
Material draft shield	Plastic
IP protection indicator	No IP protection

Technical data - Display	
Display height	21 mm
Backlight	Yes

Technical data - Power supply	
Battery	4×15 V AA
Operating time	20 h
Mains adapter/adapter included	CH;EURO;UK;US
Charging time	8 h
Input Voltage	100 V - 240 V AC, 50 / 60 Hz
Operating time (Backlight off)	48 h
Rechargeable battery	Rchrg. battery optional - intern
Interfaces	Bluetooth (optional);Ethernet (optional);KUP;RS-232 (optional);USB-Device (optional);WLAN (optional)

Technical data - Measuring system

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Calibration method	Adjusting with external weight
Linearity	± 0,005 g
Minimum weight (USP)	2 g
Readability	0,001 g
Recommended adjusting weight	200 g (F1)
Repeatability	0,001 g
Stabilisation time under laboratory conditions	3 s
Tare range	200 g
Warm up time	120 min

Technical data - Environmental conditions

Maximum humidity	80 %
Maximum operating temperature	40 °C
Minimum ambient temperature	-10 °C

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	235×365×175 mm
Gross weight	1,6 kg
Net weight	1,00 kg
Shipping method	Parcel service
Packaging component - by weight - cardboard	257,5 g
Packaging component - by weight - styrofoam	257,5 g
Delivery time	1 d

Technical data - Counting data

Counting resolution	100.000
Mininum piece weight at piece counting (Laboratory)	2 mg
Minimum piece weight	20 mg

Optional Services

DAkkS Calibration	963-127

Functions

Standard



Option

