KERN PCB 2000-1

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 2000-1
Model-Serie	PCB
Assortment	Scales
Product Type	Laboratory balances
Product group	Precision balances
Product usage type	Main article
EAN code (Model)	4045761215689
Predecessor Model	440-43N; 440-45N; 440-47N; PCB 1.000-1; PCB 2.000-1-2.023a
Planned start date	2022-2HJ
Customs tariff number	84238129
CE Label	Yes
Country of Origin	CN

Technical data - Primary	
Weighing capacity	2.000 g
Readability	0,1 g
Repeatability	0,1 g
Linearity	± 0,2 g
Minimum piece weight	2 g
Weighing surface (d)	130×130 mm

Technical data - Construction	
Dimension housing (W×D×H)	163×245×65 mm
Bubble Level	Yes
Material weighing plate	Stainless steel
Revolving screw feet	Yes
Casing material	Plastic
Dimensions of weighing plate (W×D)	130×130 mm
Weighing surface (d)	130×130 mm
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	
Calibration method	Adjusting with external weight
Linearity	± 0,2 g
Minimum weight (USP)	200 g

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Readability	0,1 g
Recommended adjusting weight	2 kg (M1)
Repeatability	0,1 g
Stabilisation time under laboratory conditions	3 s
Warm up time	30 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	2,0 kg
Net weight	1,4 kg
Shipping method	Parcel service
Packaging component - by weight - cardboard	300 g
Packaging component - by weight - styrofoam	300 g
Delivery time	1 d

Technical data - Counting data

Counting resolution	10.000
Mininum piece weight at piece counting (Laboratory)	200 mg
Minimum piece weight	2 g

Optional Services

DAkkS Calibration	963-127

Functions

Standard



Option

