KERN PBJ 8000-1M

Multifunctional laboratory balance with single-cell weighing system, with optional verification



Article codes, product groups & Status information	
Model article-code	PBJ 8000-1M
Model-Serie	PBJ
Assortment	Scales
Segment	Laboratory balances
Product group	Precision balances
Product usage type	Main article
EAN code (Model)	4045761492813
Predecessor Model	PBJ 8.200-1M
Planned start date	2026-1HJ
Customs tariff number	84238129
CE Label	Yes
Country of Origin	PH

Technical data - Primary	
Weighing capacity	8.200 g
Readability	0,1 g
Repeatability	0,1 g
Linearity	± 0,2 g
Minimum piece weight	1 g
Weighing surface (d)	176×189 mm

Technical data - Construction	
Dimension housing (W×D×H)	191×317×79 mm
Bubble Level	Yes
Material weighing plate	Stainless steel
Revolving screw feet	Yes
Casing material	Cast aluminium
Dimensions of weighing plate (W×D)	176×189 mm

Technical data - Display	
Display height	14 mm
Backlight	Yes

Technical data - Power supply	
Mains adapter/adapter included	CH;EURO
Input Voltage	100 V - 240 V, 50 / 60 Hz
Interfaces	RS-232 standard - 2x

Technical data - Measuring system	
Calibration method	Internal calibration (automatic)
Minimum weight (USP)	200 g
Stabilisation time under laboratory conditions	1,2 s
Tare range	8.200 g
Warm up time	120 min

Technical data - Environmental conditions	
Maximum humidity	80 %
Maximum operating temperature	30 °C
Minimum ambient temperature	10 °C

Technical data - Packing & Shipping	
Dimensions packaging (W×D×H)	450×370×255 mm

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Gross weight	7 kg
Net weight	5,0 kg
Shipping method	Parcel service
Packaging component - by weight - paper	165 g
Packaging component - by weight - cardboard	1,517 g
Packaging component - by weight - plastics	30 g
Packaging component - by weight - styrofoam	0 g
Packaging component - by weight - wood	0 g
Packaging component - by weight - foam	100 g
Delivery time	1 d

Technical data - Counting data

Counting resolution	82.000
Mininum piece weight at piece counting (Laboratory)	100 mg

Technical data - Verification

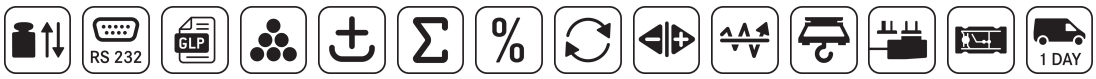
Verification value (e)	1 g
Minimum load (Min)	5 g
Verification by KERN possible	Yes
Verification class	II

Optional Services

DAkkS Calibration	963-128
Verification	965-217

Functions

Standard



Option



Factory

