KERN PBS 4000-2

Multifunctional laboratory balance with single-cell weighing system



Article codes, product groups & Status information	
Model article-code	PBS 4000-2
Model-Serie	PBS
Assortment	Scales
Segment	Laboratory balances
Product group	Precision balances
Product usage type	Main article
EAN code (Model)	4045761492950
Predecessor Model	PBS 4.200-2M
Planned start date	2026-1HJ
Customs tariff number	90160010
CE Label	Yes
Country of Origin	PH

Technical data - Primary	
Weighing capacity	4.200 g
Readability	0,01 g
Repeatability	0,01 g
Linearity	± 0,02 g
Minimum piece weight	100 mg
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	Adjusting with external weight
Minimum weight (USP)	20 g
Recommended adjusting weight	4 kg (E2)
Stabilisation time under laboratory conditions	2,5 s
Warm up time	4 h
Carat - readout	0,1 ct

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
Gross weight	4,4 kg
Net weight	3,2 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	420.000
Mininum piece weight at piece counting (Laboratory)	10 mg

Optional Services	
DAkkS Calibration	963-127

Functions

Standard



Option

