KERN PBS 4200-2M

Multifunctional laboratory balance with single-cell weighing system



Article codes, product groups & Status information	
Model article-code	PBS 4200-2M
Model-Serie	PBS
Assortment	Scales
Segment	Laboratory balances
Product group	Precision balances
Product usage type	Main article
EAN code (Model)	4045761094444
Successor Model	PBS 4.000-2
Planned start date	2008-1HJ
Customs tariff number	90160010
Model Status	Yes
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)	180×190 mm

Technical data - Construction	
Dimension housing (W×D×H)	200×320×85 mm
Bubble Level	Yes
Material weighing plate	Stainless steel
Revolving screw feet	Yes
Casing material	Cast aluminium
Dimensions of weighing plate (W×D)	180×190 mm
Weighing surface (d)	180×190 mm

Technical data - Display	
Display height	14 mm
Backlight	Yes

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

Technical data - Measuring system	
Calibration method	Adjusting with external weight
Linearity	± 0,02 g
Minimum weight (USP)	20 g
Readability	0,01 g
Recommended adjusting weight	4 kg (E2)
Repeatability	0,01 g
Stabilisation time under laboratory conditions	2,5 s
Warm up time	4 h

Technical data - Environmental conditions

Maximum humidity	80 %
Maximum operating temperature	30 °C
Minimum ambient temperature	10 °C

DAkkS Calibration	963-127

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	450×370×255 mm
Gross weight	5,0 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
Minimum piece weight	100 mg

Optional Services

Functions

Standard



Option

