KERN PES 4200-2M

Robust laboratory and industrial precision scale for heavy items

Article codes, product groups & Status information	
Model article-code	PES 4200-2M
Model-Serie	PES
Assortment	Scales
Product Type	Laboratory balances
Product group	Precision balances
Product usage type	Main article
EAN code (Model)	4045761311206
Predecessor Model	PES 4.200-2M-2.022a
Planned start date	2023-2HJ
Customs tariff number	90160010
CE Label	Yes
Country of Origin	JP

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)	200×200 mm

Technical data - Construction	
Dimension housing (W×D×H)	220×333×93 mm
Bubble Level	Yes
Material weighing plate	Stainless steel
Revolving screw feet	Yes
Casing material	Cast aluminium
Dimensions of weighing plate (W×D)	200×200 mm
Weighing surface (d)	200×200 mm

Technical data - Display	
Display height	14 mm
Backlight	LED is self-luminous

Technical data - Power supply	
Mains adapter/adapter included	AUS;CH;EURO;UK;US
Input Voltage	100-240V AC; 0,6 A; 50/60Hz
Interfaces	Digital I/O (optional, factory);RS-232 serienmäßig - 2x

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	2 kg (E2); 2 kg (E2)
Repeatability	0,01 g
Stabilisation time under laboratory conditions	3 s
Warm up time	4 h

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)	330×440×215 mm
Gross weight	6 kg
Net weight	4,4 kg
Shipping method	Parcel service
Packaging component - by weight - paper	165 g
Packaging component - by weight - cardboard	905 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

DAkkS Calibration	963-127

Functions

Standard

Option

Factory