KERN PWS 8000-1

High-resolution precision balance made of stainless steel with IP protection



Article codes, product groups & Status information	
Model article-code	PWS 8000-1
Model-Serie	PWS
Assortment	Scales
Product Type	Laboratory balances
Product group	Precision balances
Product usage type	Main article
EAN code (Model)	4045761311268
Successor Model	PWS 8.000-1-2.027e
Planned start date	2023-1HJ
Customs tariff number	84238129
CE Label	Yes
Country of Origin	JP

Technical data - Primary	
Weighing capacity	8.200 g
Readability	0,1 g
Repeatability	0,1 g
Linearity	± 0,1 g
Minimum piece weight	1 g
Weighing surface (d)	190×190 mm

Technical data - Construction	
Dimension housing (W×D×H)	310×205×85 mm
Bubble Level	Yes
Material weighing plate	Stainless steel
Revolving screw feet	Yes
Casing material	Stainless steel
Dimensions of weighing plate (W×D)	190×190 mm
Weighing surface (d)	190×190 mm

Technical data - Display	
Display height	16,5 mm
Backlight	Yes

Technical data - Power supply	
Mains adapter/adapter included	AUS;CH;EURO;UK;US
Input Voltage	100 V - 240V AC 50/60Hz 0,3A
Interfaces	RS-232 standard

Technical data - Measuring system	
Calibration method	Adjusting with external weight
Linearity	± 0,1 g
Minimum weight (USP)	200 g
Readability	0,1 g
Recommended adjusting weight	2 kg (F2); 5 kg (F2)
Repeatability	0,1 g
Stabilisation time under laboratory conditions	3 s
Tare range	8.200 g
Warm up time	120 min

Technical data - Environmental conditions

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

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	408×315×220 mm
Gross weight	4,2 kg
Net weight	3,0 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	82.000
Mininum piece weight at piece counting (Laboratory)	100 mg
Minimum piece weight	1 g

Optional Services

DAkkS Calibration	963-128

Functions

Standard



Option

