KERN PLS 8000-2A

High-quality precision scale with comfortable graphic display and enormous weighing range

Article codes, product groups & Status information	
Model article-code	PLS 8000-2A
Model-Serie	PLS
Assortment	Scales
Product Type	Laboratory balances
Product group	Precision balances
Product usage type	Main article
EAN code (Model)	4045761243347
Predecessor Model	PLS 8.000-2A-2.020a
Planned start date	2021-1HJ
Customs tariff number	90160010
CE Label	Yes
Country of Origin	CN

Technical data - Primary	
Weighing capacity	8.200 g
Readability	0,01 g
Repeatability	0,01 g
Linearity	± 0,04 g
Minimum piece weight	100 mg
Weighing surface (d)	160 mm

Technical data - Construction	
Dimension housing (W×D×H)	210×340×120 mm
Bubble Level	Yes
Material weighing plate	Stainless steel
Revolving screw feet	Yes
Casing material	Plastic
Weighing surface (d)	160 mm
Dimensions of weighing plate (diameter)	160 mm

Technical data - Display	
Display height	15 mm
Backlight	Yes

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

Technical data - Measuring system	
Calibration method	Adjusting with external weight
Linearity	± 0,04 g
Minimum weight (USP)	20 g
Readability	0,01 g
Recommended adjusting weight	8 kg (E2)
Repeatability	0,01 g
Stabilisation time under laboratory conditions	4 s
Warm up time	4 h
Carat - max capacity	41.000 ct
Carat - readout	0,1 ct

KERN PLS 8000-2A

High-quality precision scale with comfortable graphic display and enormous weighing range

Technical data - Environmental conditions	
Maximum humidity	80 %
Maximum operating temperature	35 °C
Minimum ambient temperature	15 °C

Technical data - Packing & Shipping	
Dimensions packaging (W×D×H)	500×360×420 mm
Gross weight	7 kg
Net weight	4,8 kg
Shipping method	Parcel service
Packaging component - by weight - paper	165 g
Packaging component - by weight - cardboard	1,9 kg
Packaging component - by weight - plastics	30 g
Packaging component - by weight - foam	100 g
Delivery time	1 d

Technical data - Counting data	
Counting resolution	820.000
Mininum piece weight at piece counting (Laboratory)	10 mg
Minimum piece weight	100 mg

Optional Services	
DAkkS Calibration	963-104

Functions

Standard

Option