KERN PNS 12000-1

The standard in the laboratory with robust tuning fork weighing system



Article codes, product groups & Status information	
Model article-code	PNS 12000-1
Model-Serie	PNS
Assortment	Scales
Product Type	Laboratory balances
Product group	Precision balances
Product usage type	Main article
EAN code (Model)	4045761184008
Planned start date	2016-1HJ
Customs tariff number	84238129
CE Label	Yes
Country of Origin	CN

Technical data - Primary	
Weighing capacity	12.000 g
Readability	0,1 g
Repeatability	0,1 g
Linearity	± 0,2 g
Minimum piece weight	1 g
Weighing surface (d)	190×190 mm

Technical data - Construction	
Dimension housing (W×D×H)	196×293×89 mm
Bubble Level	Yes
Material weighing plate	Stainless steel
Revolving screw feet	Yes
Casing material	Plastic
Dimensions of weighing plate (W×D)	190×190 mm
Weighing surface (d)	190×190 mm
IP protection indicator	No IP protection
IP protection platform	No IP protection

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	220 V - 240 V AC, 50 Hz
Interfaces	RS-232 standard

Technical data - Measuring system	
Calibration method	Adjusting with external weight
Linearity	± 0,2 g
Minimum weight (USP)	200 g
Readability	0,1 g
Recommended adjusting weight	12 kg (F1)
Repeatability	0,1 g
Stabilisation time under laboratory conditions	3 s
Tare range	12.000 g
Warm up time	120 min
Carat - max capacity	60.000 ct

Carat - readout	1 ct

Technical data - Environmental conditions	
Maximum humidity	80 %
Maximum operating temperature	40 °C
Minimum ambient temperature	5 °C

Technical data - Packing & Shipping	
Dimensions packaging (W×D×H)	325×410×210 mm
Gross weight	3,8 kg
Net weight	2,8 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	120.000
Mininum piece weight at piece counting (Laboratory)	100 mg
Minimum piece weight	1 g

Optional Services	
DAkkS Calibration	963-128

Functions

Standard



Option

