KERN PKS 4000-1

Flexible precision balance for laboratories and the pharmaceutical industry



Article codes, product groups & Status information	
Model article-code	PKS 4000-1
Model-Serie	PKS
Assortment	Scales
Product Type	Laboratory balances
Product group	Precision balances
Product usage type	Main article
EAN code (Model)	4045761476462
Planned start date	2026-2HJ
Customs tariff number	84238129
CE Label	Yes
Country of Origin	CN

Technical data - Primary	
Weighing capacity	4.200 g
Readability	0,1 g
Repeatability	0,1 g
Linearity	± 0,2 g
Minimum piece weight	2 g
Weighing surface (d)	180×170 mm

Technical data - Construction	
Dimension housing (W×D×H)	315×205×95 mm
Bubble Level	Yes
Material weighing plate	Stainless steel
Revolving screw feet	Yes
Casing material	Plastic
Dimensions of weighing plate (W×D)	180×170 mm
Weighing surface (d)	180×170 mm

Technical data - Display	
Display height	21 mm
Backlight	Yes

Technical data - Power supply	
Battery	4×15 V AA
Operating time	20 h
Mains adapter/adapter included	CH;EURO;UK;US
Charging time	8 h
Input Voltage	100 V - 240 V AC, 50 / 60 Hz
Operating time (Backlight off)	48 h
Rechargeable battery	Rchrg. battery optional - intern
Interfaces	Bluetooth BLE (v4.0) (optional);Ethernet (optional);KUP;RS-232 (optional);USB-Device (optional);USB-Host/Master (optional);WLAN (optional)

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	4 kg (F2)
Repeatability	0,1 g
Stabilisation time under laboratory conditions	3 s
Warm up time	120 min

Technical data - Environmental conditions	
Maximum humidity	80 %
Maximum operating temperature	35 °C
Minimum ambient temperature	5 °C

Technical data - Packing & Shipping	
Dimensions packaging (W×D×H)	400×300×200 mm
Gross weight	3,4 kg
Net weight	2,4 kg
Shipping method	Parcel service
Packaging component - by weight - cardboard	515 g
Packaging component - by weight - styrofoam	515 g
Delivery time	1 d

Technical data - Counting data	
Counting resolution	21.000
Mininum piece weight at piece counting (Laboratory)	200 mg
Minimum piece weight	2 g

Optional Services	
DAkkS Calibration	963-127

Functions

Standard



Option

