

KERN PES31000-1M

Robust laboratory and industrial precision scale for heavy items, with EC type approval [M]



Environmental conditions

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

Power supply

Charging time:	15 h
Input voltage:	220 V - 240 V AC 50 Hz
Operating time (Backlight on):	6 h
Rechargeable battery:	Rchrg. battery optional

Service

DAkkS Certificate:	963-128
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Category

Category:	Balances
Product Group:	Precision balance

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	410 x 520 x 190 mm
Gross weight:	11,600 kg
Net weight:	9,800 kg
Shipping method:	Parcel service

Construction

Casing material:	Cast aluminium alloys
Dimensions housing (WxDxH):	260 x 330 x 113 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing surface (WxD):	250 x 220 mm

Measuring system

Adjustment options:	External calibration
Linearity:	400 mg
Readout [d]:	100 mg
Recommended adjusting weight:	20000 g (F1); 10000 g (F1)
Reproducibility:	100 mg
Resolution:	310000
Stabilisation time:	3 s
Tare range:	31 kg
Warm up time:	2 h
Weighing range [Max]:	31 kg
Weighing units:	ct g kg

Display

Display digit height:	1,300 cm
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Technical data about verification

Minimum load [Min]:	5 g
n/a:	200 g
Verification approval conforming to 90/384/EEC:	yes
Verification class:	II

Counting

Counting resolution:	62000
Minimum piece weight at piece counting:	500 mg

Functions

Counting function:	yes
Function to save totals:	yes
Percentage determination:	yes
Standby function:	yes
Suspended weighing:	Hook
Weighing with tolerance range:	yes