

KERN PWS8000-1

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



Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	300 mg
Linearity:	100 mg
Minimum weight (USP):	200 g
Number of weighing ranges:	1
Readability [d]:	100 mg
Recommended adjusting weight:	2 kg (F1); 5 kg (F1)
Repeatability:	100 mg
Resolution:	82000
Stabilisation time under laboratory conditions:	3 s
Tare range:	3,200 kg
Warm up time:	2 h
Weighing capacity [Max]:	8,200 kg
Weighing units:	ct g kg

Display

Display digit height (large):	1,650 cm
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Counting

Counting resolution:	82000
Minimum piece weight at piece counting (Laboratory):	100 mg
Minimum piece weight at piece counting (Normal):	1 g
Reference weight:	yes

Functions

Capacity display:	yes
Counting function:	yes
Percentage determination:	yes
Weighing with tolerance range:	yes

Environmental conditions

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

Power supply

Battery:	4x1.5 V AA
Input voltage:	100 V - 240V AC 50/60Hz 0.3A
Mains adapter:	Mains adapter external
Mains adapter/adaptor included:	CH AUS US UK EURO
Operating time:	200 h

Services (optional)

DAkkS Certificate:	963-128
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Category

Brand:	KERN
Category:	Balances
Product Group:	Precision balance

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	325 x 405 x 230 mm
Gross weight:	2,870 kg
Net weight:	1,520 kg
Shipping method:	Parcel service

Construction

Casing material:	stainless steel
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	310 x 208 x 87 mm
Revolving screw feet:	yes
Weighing surface (WxD):	190 x 190 mm

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Piktogramme

STANDARD



OPTION

