

KERN PWS 800-2

KERN

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



Category	
Brand	KERN
Product category	Laboratory balances
Product group	Precision balances

Measuring System	
Readability [d]	0,01 g
Weighing capacity [Max]	820 g
Number of weighing ranges	1
Eccentric loading at 1/3 [Max]	0,03 g
Reproducibility	0,01 g
Linearity	± 0,01 g
Weighing system	Tuning fork
Resolution	82.000
Tare range	820 g
Units	kg g ct
Default unit	g
Stabilization time	3 s
Warm-up time	120 min
Adjustment options	Adjusting with external weight
Recommended adjusting weight	200 g (F1); 500 g (F1)

Approval	
CE mark	✓

Display	
Display digit height	16,5 mm
Display backlight	✓
Display screen size	109×27 mm
Languages of the user interface	Symbol language

Construction	
Dimensions completely mounted (W×D×H)	310×208×87 mm
Dimensions weighing surface (Ø)	140 mm
Material housing	stainless steel
Material weighing plate	stainless steel
Material platform	Stainless steel
Levelling feet adjustable	✓

Functions	
Number of keys for operation	9
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min
Capacity display	✓
Tare function	manual (multi)
Percentage determination	✓
Counting function	✓
Tolerance weighing	✓
Underfloor weighing	Eye (optional)
Interfaces	RS-232 standard
IP protection - complete device	IP65

Counting	
Smallest piece weight when piece counting - laboratory conditions	10 mg
Smallest piece weight when piece counting - normal conditions	100 mg
Counting reference weight can be entered	✓
Reference quantity	5, 10, 30, 100
Counting resolution (laboratory conditions)	82.000

Power Supply	
Input voltage power supply / power [Max]	100 V - 240 V AC 50/60 Hz 0,3 A
Input voltage device / power [Max]	5,95 V, 1 A
Plug-in power supply type	Power adapter
Supplied plug-in power supply	Power supply unit
Plug-in power supply / adapter for countries - included with the delivery	EURO AUS UK US CH
Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
Battery	4×1.5 V AA
Battery operating time	200 h
Battery operating time - backlight on	32 h

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Battery operating time - backlight off 200 h

Environmental conditions

Humidity of environment [Max]	80 %
Ambient temperature [Min]	10 °C
Ambient temperature [Max]	30 °C

Packing & Shipping

Readability force [d] (N)	1 d
Shipping method	Parcel service
Dimensions packaging (W×D×H)	325×405×230 mm
Net weight approx.	1,6 kg
Gross weight approx.	3,0 kg

Services (optional)

Article number for DAkkS calibration	963-127
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Piktogramme

STANDARD



OPTION

