

KERN EW420-3NM

The classic balance with robust tuning fork measuring system



Measuring system

Adjustment options:	External calibration
Linearity:	3 mg
n/a:	2 g
Readout [d]:	1 mg
Recommended adjusting weight:	200 g (E2); 200 g (E2)
Reproducibility:	1 mg
Resolution:	420000
Stabilisation time:	2 s
Warm up time:	4 h
Weighing range [Max]:	420 g
Weighing units:	ct dwt g lb mo oz oz t (HK) tl (Singap. Malays) tl (Tw) tol

Display

Display digit height:	1,700 cm
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Technical data about verification

Verification approval conforming to 2014/31/EU:	yes
Verification class:	II

Counting

Counting resolution:	420000
Minimum piece weight at piece counting (Laboratory):	1 mg
Minimum piece weight at piece counting (Normal):	10 mg

Functions

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

Charging time:	12 h
Input voltage:	220 V - 240 V AC 50 Hz
n/a:	CH EURO

n/a:	Mains adapter external
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Power supply

Operating time (Backlight off):	32 h
Operating time (Backlight on):	12 h
Rechargeable battery:	Rchrg. battery optional

Service

DAkkS Certificate:	963-127
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Category

Brand:	KERN
Category:	Balances
Product Group:	Precision balance

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	400 x 325 x 220 mm
Gross weight:	2,948 kg
Net weight:	1,358 kg
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions draft shield (WxDxH):	174 x 144 x 105 mm
Dimensions housing (WxDxH):	182 x 235 x 75 mm
Draft shield optional:	yes
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing space (WxDxH):	158 x 130 x 78 mm
Weighing surface (d):	118