

KERN 440-51N

The classic balance in the laboratory



Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	35 °C
Minimum ambient temperature:	5 °C

Power supply

Battery:	9 V Block
Charging time:	10 h
Input voltage:	100-240V AC 50/60Hz 0.5A
Mains adapter/adaptor included:	CH EURO UK US
Operating time:	20 h
Operating time (Backlight off):	20 h
Rechargeable battery:	Rchrg. battery optional

Service

Adjustment at the location of installation: 961-247

DAkkS Certificate: 963-127

Category

Brand:	KERN
Category:	Balances
Product Group:	Precision balance

Packaging & shipping

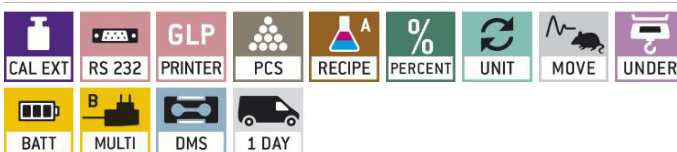
Delivery:	24 h
Dimensions packaging (WxDxH):	347 x 207 x 170 mm
Gross weight:	1,644 kg
Net weight:	1,121 kg
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions housing (WxDxH):	165 x 230 x 80 mm
Dimensions of weighing plate (WxDxH):	153 x 172 x 80 mm
Material weighing plate:	stainless steel
Weighing surface (WxD):	150 x 170 mm

Piktogramme

STANDARD



OPTION



Measuring system

Adjustment options:	External calibration
Linearity:	2 g
Minimum weight (USP):	2 kg
Readability [d]:	1 g
Recommended adjusting weight:	2 kg (M2); 2 kg (M2)
Repeatability:	1 g
Resolution:	4000
Stabilisation time under laboratory conditions:	2 s
Warm up time:	10 min
Weighing capacity [Max]:	4 kg
Weighing system:	Strain gauge
Weighing units:	dwt g kg lb mo oz t (HK) t (Tw) tol

Display

Display digit height:	1,500 cm
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Counting

Counting resolution:	2000
Minimum piece weight at piece counting (Laboratory):	2 g
Minimum piece weight at piece counting (Normal):	20 g

Functions

Counting function:	yes
Percentage determination:	yes
Vibration-free weighing (Animal weighing program):	yes

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