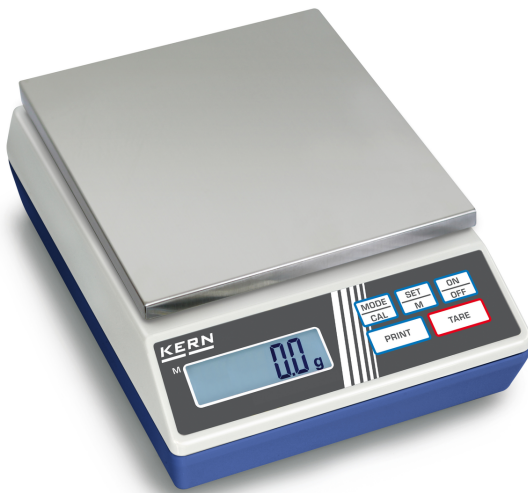


KERN 440-51N

The classic balance in the laboratory

KERN



Category

Brand	KERN
Product category	Laboratory balances
Product group	Precision balances

Measuring System

Readability [d]	1 g
Weighing capacity [Max]	4000 g
Eccentric loading at 1/3 [Max]	3 g
USP Minimum weight of sample (k = 2, U = 0.1%)	2 kg
Reproducibility	1 g
Linearity	± 2 g
Weighing system	Strain gauge
Resolution	4.000
Units	kg g dwt tl (Tw) tl (HK) ozt mo lb oz tol
Default unit	g
Stabilization time	2 s
Warm-up time	10 min
Adjustment options	Adjusting with external weight
Recommended adjusting weight	2 kg (M2); 2 kg (M2)
Possible calibration points	1 kg; 2 kg; 3 kg; 4 kg

Approval

CE mark	✓
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Display

Display digit height	15 mm
Display backlight	✓

Construction

Dimension housing (W×D×H)	165×230×80 mm
Dimensions weighing platform (W×D×H)	153×172×80 mm
Dimensions weighing surface (W×D)	150×170 mm
Material housing	plastic
Material weighing plate	stainless steel

Functions

Number of keys for operation	5
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min off
Tare function	manual (multi)
Percentage determination	✓
Counting function	✓
Function for averaging under unstable weighing conditions	✓
Recipe/summing level	Rez A (Net total)
Underfloor weighing	Hook (optional)
Interfaces	RS-232 standard

Counting

Smallest piece weight when piece counting - laboratory conditions	2 g
Smallest piece weight when piece counting - normal conditions	20 g
Reference quantity	5, 10, 20, 25, 50
Counting resolution (laboratory conditions)	2.000

Power Supply

Input voltage power supply / power [Max]	100 - 240 V AC 50/60 Hz 0.5 A
Input voltage device / power [Max]	9 V, 300 mA
Supplied plug-in power supply	Power supply unit
Plug-in power supply / adapter for countries - included with the delivery	EURO UK US CH
Plug-in power supply / adapter for countries - optional	EURO UK US CH
Rechargeable battery optional	Rchrg. battery optional
Rechargeable battery charging time	10 h
Rechargeable battery operating time - backlight off	20 h
Battery	9 V block
Battery operating time	20 h

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Environmental conditions

Humidity of environment [Max]	80 %
Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C

Packing & Shipping

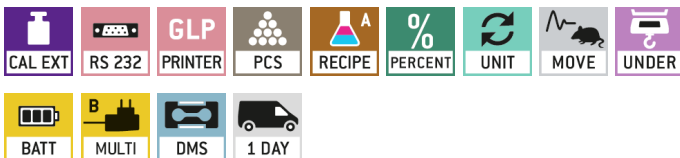
Readability force [d] (N)	1 d
Shipping method	Parcel service
Dimensions packaging (W×D×H)	347×207×170 mm
Net weight approx.	1,2 kg
Gross weight approx.	1,8 kg

Services (optional)

Article number for adjustment at the location of installation	961-247
Article number for DAkkS calibration	963-127
Article number for certificate of conformity (verification)	969-517

Piktogramme

STANDARD



OPTION

