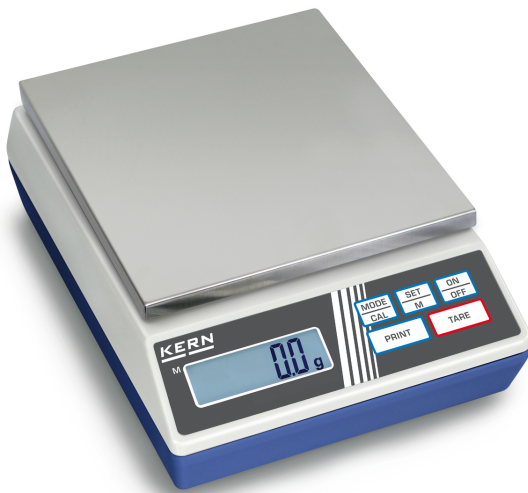


KERN 440-49A

The classic balance in the laboratory

KERN



Construction	
Dimension housing (W×D×H)	168×230×80 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	200 mg
Smallest piece weight when piece counting - normal conditions	2 g
Reference quantity	5, 10, 20, 25, 50
Counting resolution (laboratory conditions)	30.000

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	FCB-A01
Rechargeable battery charging time	10 h
Rechargeable battery operating time - backlight off	20 h
Battery	9 V block
Battery operating time	20 h

Category	
Brand	KERN
Product category	Laboratory balances
Product group	Precision balances

Measuring System	
Readability [d]	0,1 g
Weighing capacity [Max]	6000 g
Eccentric loading at 1/3 [Max]	0,3 g
USP Minimum weight of sample (k = 2, U = 0.1%)	200 g
Reproducibility	0,1 g
Linearity	± 0,3 g
Weighing system	Strain gauge
Resolution	60.000
Units	kg g dwt tl (Tw) tl (HK) ozt mo lb oz ffa tol
Default unit	g
Stabilization time	3 s
Warm-up time	120 min
Adjustment options	Adjusting with external weight
Recommended adjusting weight	5 kg (F2)
Possible calibration points	1 kg; 2 kg; 5 kg; 6 kg

Approval	
CE mark	✓

Display	
Display digit height	15 mm
Display backlight	✓

KERN 440-49A



The classic balance in the laboratory

Environmental conditions

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

Packing & Shipping

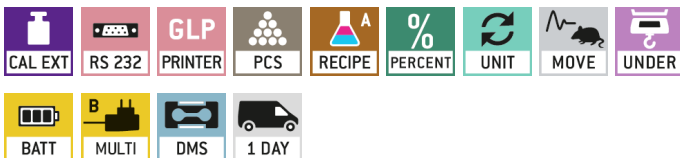
Readability force [d] (N)	1 d
Shipping method	Parcel service
Dimensions packaging (W×D×H)	345×210×170 mm
Net weight approx.	1,2 kg
Gross weight approx.	1,6 kg

Services (optional)

Article number for adjustment at the location of installation	961-248
Article number for DAkkS calibration	963-128
Article number for certificate of conformity (verification)	969-517

Piktogramme

STANDARD



OPTION

