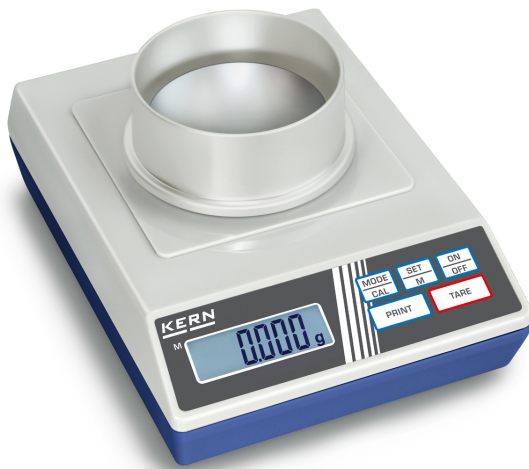


KERN 440-21A

KERN

The classic balance in the laboratory



Eccentric loading at 1/3 [Max]	0,003 g
Maximum creep (15 minutes)	10 mg
Maximum creep (30 minutes)	20 mg

Approval

CE mark	✓
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Display

Display type	LCD
Display backlight	✓
Display digit height	15 mm

Construction

Dimension housing (W×D×H)	165×230×80 mm
Dimensions ring-shaped draught shield - inner (Ø×H)	90×40 mm
Dimensions ring-shaped draught shield - outer (Ø×H)	106×42 mm
Dimensions completely mounted (W×D×H)	165×230×123 mm
Material housing	plastic
Material weighing plate	plastic, with conductive lacquer
Material draught shield	plastic
Dimensions weighing surface (Ø)	81 mm

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	None
Interfaces	RS-232 standard

Counting

Smallest piece weight when piece counting - laboratory conditions	2 mg
Smallest piece weight when piece counting - normal conditions	20 mg
Reference quantity	5, 10, 20, 25, 50
Counting resolution (laboratory conditions)	30.000

Category

Brand	KERN
Product category	Laboratory balance
Product group	Precision balance
Product family	440

Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	60 g
Readability [d]	0,001 g
Resolution	60.000
Linearity	± 0,003 g
Reproducibility	0,001 g
Default unit	g

Units	g
	gn
	dwt
	tl (Tw)
	tl (HK)
	ozt
	ct
	mo
	oz
	tol

USP Minimum weight of sample (k = 2, U = 0.1%)	2 g
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Adjustment options	Adjusting with external weight
Recommended adjusting weight	50 g (F2)
Possible calibration points	10 g; 20 g; 40 g; 50 g; 60 g
Stabilization time	3 s
Warm-up time	120 min

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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 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 / accumulator type NiMH

Battery connection 9V Bloc

Battery operating time 20 h

Environmental conditions

Humidity of environment [Max] 80 %

Ambient temperature [Min] 5 °C

Ambient temperature [Max] 35 °C

Storage temperature [Min] -20 °C

Storage temperature [Max] 60 °C

Packing & Shipping

Readability force [d] (N) 1 d

Dimensions packaging (W×D×H) 410×270×220 mm

Net weight 0,93 kg

Shipping method Parcel service

Net weight approx. 0,95 kg

Gross weight approx. 1,4 kg

Shipping weight 4,9 kg

Services (optional)

Article number for DAkkS calibration 963-127

Article number for certificate of conformity (verification) 969-517

Pictograms

STANDARD



OPTION

