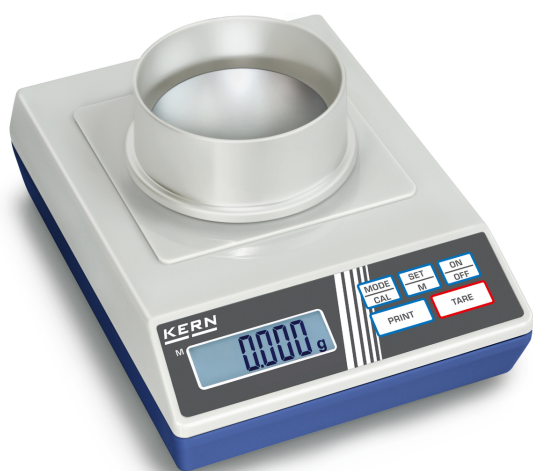


# KERN 440-21A

The classic balance in the laboratory

# KERN



## Construction

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

## 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

## 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

## Category

Brand	KERN
Product category	Laboratory balances
Product group	Precision balances

## Measuring System

Readability [d]	0,001 g
Weighing capacity [Max]	60 g
Eccentric loading at 1/3 [Max]	0,003 g
USP Minimum weight of sample (k = 2, U = 0.1%)	2 g
Reproducibility	0,001 g
Linearity	± 0,003 g
Weighing system	Strain gauge
Resolution	60.000
Units	g gn dwt tl (Tw) tl (HK) ozt ct mo oz tol
Default unit	g
Stabilization time	3 s
Warm-up time	120 min
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

## Approval

CE mark	✓
---------	---

## Display

Display digit height	15 mm
Display backlight	✓

# KERN 440-21A



The classic balance in the laboratory

Rechargeable battery operating time - backlight off 20 h

Battery 9 V block

Battery operating time 20 h

## 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) 410×270×220 mm

Net weight approx. 0,95 kg

Gross weight approx. 1,4 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

