KERN **440-35N**

The classic balance in the laboratory





Category	
Brand	KERN
Product categoriy	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]	400 g
Readability [d]	0,01 g
Resolution	40.000
Linearity	± 0,03 g
Reproducibility	0,01 g
Default unit	g
Units	g gn dwt tl (Tw) tl (HK) ozt ct mo lb oz ffa tol
Adjustment options	Adjusting with external weight
Recommended adjusting weight	200 g (F2); 200 g (F2)
Possible calibration points	100 g; 200 g; 300 g; 400 g
Stabilization time	3 s
Warm-up time	120 min

Eccentric loading at 1/3 [Max]	0,03 g
Maximum creep (15 minutes)	40 mg
Maximum creep (30 minutes)	80 mg
Approval	
CE mark	1
Display	
Display type	LCD
Display backlight	\checkmark
Display digit height	15 mm
Construction	
Dimension housing (W×D×H)	165×230×80 mm
Material housing	plastic
Material weighing plate	stainless steel
Dimensions weighing surface (Ø)	105 mm
	103 mm
Functions	
Number of keys for operation	5
Auto-off interval(s) in battery	3 min
mode/rechargeable battery mode	off
Tare function	manual (multi)
Percentage determination	✓
Counting function	1
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	20 mg
Smallest piece weight when piece counting - normal conditions	200 mg
Reference quantity	5, 10, 20, 25, 50
Counting resolution (laboratory conditions)	20.000
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 power supply	Power supply unit
Plug-in power supply / adapter for countries - included with the	EURO UK
delivery	1

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	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

Humity 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

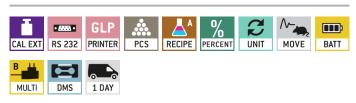
Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	212×348×175 mm
Net weight	1,01 kg
Shipping method	Parcel service
Net weight approx.	1,2 kg
Gross weight approx.	1,6 kg
Shipping weight	2,6 kg

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

Pictograms

STANDARD



OPTION

È		DAkkS
UNDER	ACCU	+3 DAYS