## 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

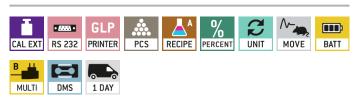
Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	212×348×175 mm
Net weight	1,01 kg
Shipping method	Parcel service
Net weight approx.	1,2 kg
Gross weight approx.	1,6 kg
Shipping weight	2,6 kg

### 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