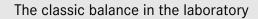
KERN **440-43N**







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]	0,1 g
Resolution	4.000
Linearity	± 0,2 g
Reproducibility	0,1 g
Default unit	g
Units	g dwt tl (Tw) tl (HK) ozt mo lb oz ffa tol
Adjustment options	Adjusting with external weight
Recommended adjusting weight	200 g (M2); 200 g (M2)
Possible calibration points	100 g; 200 g; 300 g; 400 g
Stabilization time	3 s
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	0,3 g
Maximum creep (15 minutes)	400 mg

Approval CE mark Display Display type Display backlight Display digit height Construction Dimension housing (W×D×H) Material weighing plate Dimensions weighing surface (W×D) Functions Number of keys for operation Auto-off interval(s) in battery mode/rechargeable battery mode Tare function Function for averaging under unstable weighing conditions Recipe/summing level Underfloor weighing Underfloor weighing Smallest piece weight when piece counting - normal conditions Reference quantity Counting resolution (laboratory conditions) Power Supply Input voltage power supply / power [Max] Input voltage device / power [Max] Input voltage device / power [Max] Input voltage dever supply Power supply unit LCD LCD LCD LCD LCD LCD LCD LC		
Display Display type Display backlight Display digit height Construction Dimension housing (W×D×H) Material housing Material weighing plate Dimensions weighing surface (W×D) Functions Number of keys for operation Auto-off interval(s) in battery mode/rechargeable battery mode Tare function Percentage determination Counting function Function for averaging under unstable weighing conditions Recipe/summing level Underfloor weighing Material weighing conditions Recipe/summing level Rez A (Net total) Underfloor weighing Hook (optional) Interfaces Counting Smallest piece weight when piece counting - normal conditions Reference quantity Smallest piece weight when piece counting - normal conditions Reference quantity Spale	Maximum creep (30 minutes)	800 mg
Display Display type Display backlight Display digit height Construction Dimension housing (W×D×H) Material housing Material weighing plate Dimensions weighing surface (W×D) Functions Number of keys for operation Auto-off interval(s) in battery mode/rechargeable battery mode Tare function Function for averaging under unstable weighing conditions Recipe/summing level Underfloor weighing Underfloor weighing Smallest piece weight when piece counting - laboratory conditions Reference quantity Spower Supply Input voltage power supply / power [Max] Input voltage device / power [Max] Input voltage device / power [Max] Input voltage device / power [Max] Input voltage power supply / possible stainless and mm 165×230×80 mm 165×230×8	Approval	
Display type Display backlight Display digit height Display digit height Construction Dimension housing (W×D×H) Material housing Material weighing plate Dimensions weighing surface (W×D) Functions Number of keys for operation Auto-off interval(s) in battery mode/rechargeable battery mode Tare function Percentage determination Counting function Function for averaging under unstable weighing conditions Recipe/summing level Underfloor weighing Hook (optional) Interfaces RS-232 standard Counting Smallest piece weight when piece counting - normal conditions Reference quantity S, 10, 20, 25, 50 Counting resolution (laboratory conditions) Power Supply Input voltage power supply / power [Max] Input voltage device / power [Max] Input voltage Insurance LCD Input voltage manual (Molton Input voltage device / power [Max] Input voltage Input	CE mark	✓
Display backlight Display digit height Display digit height Construction Dimension housing (W×D×H) Material housing Material weighing plate Dimensions weighing surface (W×D) Functions Number of keys for operation Auto-off interval(s) in battery mode/rechargeable battery mode Tare function Percentage determination Counting function Function for averaging under unstable weighing conditions Recipe/summing level Underfloor weighing Hook (optional) Interfaces Reserved Counting Smallest piece weight when piece counting - laboratory conditions Reference quantity Counting resolution (laboratory conditions) Power Supply Input voltage power supply / power [Max] Input voltage device / power [Max] Input voltage Input volta	Display	
Display digit height Construction Dimension housing (W×D×H) Material housing Material weighing plate Dimensions weighing surface (W×D) Functions Number of keys for operation Auto-off interval(s) in battery mode/rechargeable battery mode Tare function Percentage determination Counting function Function for averaging under unstable weighing conditions Recipe/summing level Underfloor weighing Hook (optional) Interfaces Reserve quantity Counting resolution (laboratory conditions) Reference quantity Counting resolution (laboratory conditions) Power Supply Input voltage power supply / power [Max] Input voltage device / power [Max] Instance At 165 × 230 × 80 mm Index 230 × 80 mm Index 230 × 80 mm Index 240 × 100	Display type	LCD
Construction Dimension housing (W×D×H) 165×230×80 mm Material housing plate stainless steel Dimensions weighing surface (W×D) 130×130 mm Functions Number of keys for operation 5 Auto-off interval(s) in battery 3 min off rechargeable battery mode off 7 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 Smallest piece weight when piece counting - normal conditions Reference quantity 5, 10, 20, 25, 50 Counting resolution (laboratory conditions) Power Supply Input voltage power supply / 100 - 240 V AC 50/60 Hz 0.5 A Input voltage device / power [Max] 9 V, 300 mA	Display backlight	✓
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Dimension housing (W×D×H) Material housing Material weighing plate Dimensions weighing surface (W×D) Functions Number of keys for operation Auto-off interval(s) in battery mode/rechargeable battery mode Tare function Function for averaging under unstable weighing conditions Recipe/summing level Underfloor weighing Interfaces Counting Smallest piece weight when piece counting - laboratory conditions Reference quantity Counting resolution (laboratory conditions) Power Supply Input voltage power supply / power [Max] Input voltage device / power [Max] Interfaces 130×130 mm 5 Auxilians steel 130×130 mm Functions Function for averaging off manual (multi) Function for averaging under unstable weighing conditions Rez A (Net total) Hook (optional) Hook (optional) For manual (multi) Functions 2 00 mg 2 2 g 3 min 4 off Tare function Function Functions For averaging under unstable weight when piece counting function For averaging and er unstable weight when piece counting For averaging 2 2 00 mg 2 2 g 3 min 4 off Functions For averaging For averag	o:	
Material housing plastic Material weighing plate stainless steel Dimensions weighing surface (W×D) Functions Number of keys for operation Auto-off interval(s) in battery 3 min off mode/rechargeable battery mode off Tare function manual (multi) Percentage determination Counting function	Construction	
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Dimensions weighing surface (W×D) Functions Number of keys for operation Auto-off interval(s) in battery mode/rechargeable battery mode Tare function Percentage determination Counting function Function for averaging under unstable weighing conditions Recipe/summing level Underfloor weighing Interfaces RS-232 standard Counting Smallest piece weight when piece counting - laboratory conditions Smallest piece weight when piece counting - normal conditions Reference quantity Counting resolution (laboratory conditions) Power Supply Input voltage power supply / power [Max] Input voltage device / power [Max] 9 V, 300 mA	Material housing	plastic
Functions Number of keys for operation Auto-off interval(s) in battery mode/rechargeable battery mode Tare function Percentage determination Counting function Function for averaging under unstable weighing conditions Recipe/summing level Underfloor weighing Interfaces Reserval Counting Smallest piece weight when piece counting - laboratory conditions Smallest piece weight when piece counting - normal conditions Reference quantity Counting resolution (laboratory conditions) Power Supply Input voltage power supply / power [Max] Input voltage device / power [Max] Possible for operation 5 Auto-off interval(s) in battery 3 min off manual (multi) / Rez A (Net total) Hook (optional) Hook (optional) Rez A (Net total) 200 mg 200 mg 2 g 2 g 2 d 2 d 2 d 3 min 0 off Auto-off Auto-of	Material weighing plate	stainless steel
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mode/rechargeable battery mode Tare function Percentage determination Counting function Function for averaging under unstable weighing conditions Recipe/summing level Underfloor weighing Interfaces RS-232 standard Counting Smallest piece weight when piece counting - laboratory conditions Smallest piece weight when piece counting - normal conditions Reference quantity Seference quantity Counting resolution (laboratory conditions) Power Supply Input voltage power supply / power [Max] Input voltage device / power [Max] Input voltage device / power [Max] V Rez A (Net total) Hook (optional) Rez A (Net total) Hook (optional) Roy (300 mg) 200 mg 2 g 2 g 2 d 3 d 4 d 4 d 5 d 6 d 6 d 7 d 7 d 7 d 8 d 8 d 8 d 8 d 8 d 8 d 8 d 8 d 8 d 8	Number of keys for operation	5
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 Smallest piece weight when piece counting - normal conditions Reference quantity 5, 10, 20, 25, 50 Counting resolution (laboratory conditions) 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	Auto-off interval(s) in battery	3 min
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Counting function Function for averaging under unstable weighing conditions Recipe/summing level Underfloor weighing Interfaces RS-232 standard Counting Smallest piece weight when piece counting - laboratory conditions Smallest piece weight when piece counting - normal conditions Reference quantity Counting resolution (laboratory conditions) Power Supply Input voltage power supply / power [Max] Input voltage device / power [Max] Y Rez A (Net total) Hook (optional) 200 mg 200 mg 2 g 2 g 200 mg 2 g 100 - 240 V AC 50/60 Hz 0.5 A	Tare function	manual (multi)
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 Smallest piece weight when piece counting - normal conditions Reference quantity 5, 10, 20, 25, 50 Counting resolution (laboratory conditions) 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	Percentage determination	✓
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 Smallest piece weight when piece counting - normal conditions Reference quantity 5, 10, 20, 25, 50 Counting resolution (laboratory conditions) 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	Counting function	✓
Underfloor weighing Hook (optional) Interfaces RS-232 standard Counting Smallest piece weight when piece counting - laboratory conditions Smallest piece weight when piece counting - normal conditions Reference quantity 5, 10, 20, 25, 50 Counting resolution (laboratory conditions) Power Supply Input voltage power supply / 100 - 240 V AC 50/60 Hz 0.5 A Input voltage device / power [Max] 9 V, 300 mA		✓
Interfaces RS-232 standard Counting Smallest piece weight when piece counting - laboratory conditions Smallest piece weight when piece counting - normal conditions Reference quantity 5, 10, 20, 25, 50 Counting resolution (laboratory conditions) Power Supply Input voltage power supply / 100 - 240 V AC 50/60 power [Max] Hz 0.5 A Input voltage device / power [Max] 9 V, 300 mA	Recipe/summing level	Rez A (Net total)
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counting - normal conditions Reference quantity Counting resolution (laboratory conditions) Power Supply Input voltage power supply / 100 - 240 V AC 50/60 power [Max] Hz 0.5 A Input voltage device / power [Max] 9 V, 300 mA		200 mg
Counting resolution (laboratory conditions) 2.000 Power Supply Input voltage power supply / 100 - 240 V AC 50/60 power [Max] Hz 0.5 A Input voltage device / power [Max] 9 V, 300 mA		2 g
conditions) Power Supply Input voltage power supply / 100 - 240 V AC 50/60 power [Max] Hz 0.5 A Input voltage device / power [Max] 9 V, 300 mA	Reference quantity	5, 10, 20, 25, 50
Input voltage power supply / 100 - 240 V AC 50/60 power [Max] Hz 0.5 A Input voltage device / power [Max] 9 V, 300 mA	` ` `	2.000
power [Max] Hz 0.5 A Input voltage device / power [Max] 9 V, 300 mA	Power Supply	
Input voltage device / power [Max] 9 V, 300 mA		
	Supplied power supply	Power supply unit
Plug-in power supply / adapter for UK	Plug-in power supply / adapter for	

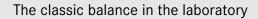
US

СН

countries - included with the

delivery

KERN 440-43N





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)	205×345×175 mm
Net weight	1,015 kg
Shipping method	Parcel service
Net weight approx.	1,2 kg
Gross weight approx.	1,6 kg
Shipping weight	2,5 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



MULTI DMS 1 DAY