KERN EG 2200-2NM



The classic balance with robust tuning fork measuring system



Category

Brand Product categoriy Product group Product family KERN Laboratory balance Precision balance EG-N

Measuring System

Measuring System	
Construction type of the scale	Single-range balance
Weighing system	Tuning fork
Weighing capacity [Max]	2200 g
Weighing capacity [Max] (ct)	11000 ct
Readability [d]	0,01 g
Readability carat [d] (ct)	0,1 ct
Resolution	220.000
Linearity	± 0,01 g
Reproducibility	0,01 g
Default unit	g
Units	g dwt tl (Tw) tl (HK) ozt tl (Singap, Malays) ct mo lb oz tol
Units (if device is conformity assessed)	g ct
Minimum weight [Min]	0,5 g
USP Minimum weight of sample (k = 2, U = 0.1%)	20 g
Minimum weight [Min] (ct)	5 ct

Adjustment options	Adjusting with internal weight (manual)
Stabilization time	3 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,03 g
Approval	
CE mark	✓
Accuracy classe	II
Verification scale interval [e]	0,1 g
Verification scale interval [e] (ct)	1 ct
Conformity assessment possible ex works	1
Display	
Display type	LCD
Display screen size	109×22 mm
Display backlight	1
Display digit height	17 mm
Languages of the user interface	Symbol language
Construction	
Dimension housing (W×D×H)	180×235×75 mm
Dimensions completely mounted (W×D×H)	180×235×75 mm
	180×235×75 mm plastic
(W×D×H)	
(W×D×H) Material housing	plastic
(W×D×H) Material housing Material weighing plate	plastic stainless steel
(W×D×H) Material housing Material weighing plate Material platform Dimensions weighing surface	plastic stainless steel Stainless steel
(W×D×H) Material housing Material weighing plate Material platform Dimensions weighing surface (W×D)	plastic stainless steel Stainless steel 180×160 mm
(W×D×H) Material housing Material weighing plate Material platform Dimensions weighing surface (W×D) Levelling feet adjustable	plastic stainless steel Stainless steel 180×160 mm
(W×D×H) Material housing Material weighing plate Material platform Dimensions weighing surface (W×D) Levelling feet adjustable Functions	plastic stainless steel Stainless steel 180×160 mm
(W×D×H) Material housing Material weighing plate Material platform Dimensions weighing surface (W×D) Levelling feet adjustable Functions Number of keys for operation Auto-off interval(s) in mains power	plastic stainless steel Stainless steel 180×160 mm ✓
(W×D×H) Material housing Material weighing plate Material platform Dimensions weighing surface (W×D) Levelling feet adjustable Functions Number of keys for operation Auto-off interval(s) in mains power mode Auto-off interval(s) in battery	plastic stainless steel Stainless steel 180×160 mm ✓ 5 3 min
(W×D×H) Material housing Material weighing plate Material platform Dimensions weighing surface (W×D) Levelling feet adjustable Functions Number of keys for operation Auto-off interval(s) in mains power mode Auto-off interval(s) in battery mode/rechargeable battery mode	plastic stainless steel Stainless steel 180×160 mm ✓ 5 3 min 3 min
(W×D×H) Material housing Material weighing plate Material platform Dimensions weighing surface (W×D) Levelling feet adjustable Functions Number of keys for operation Auto-off interval(s) in mains power mode Auto-off interval(s) in battery mode/rechargeable battery mode Capacity - Display	plastic stainless steel Stainless steel 180×160 mm ✓ 5 3 min 3 min
(W×D×H) Material housing Material weighing plate Material platform Dimensions weighing surface (W×D) Levelling feet adjustable Functions Number of keys for operation Auto-off interval(s) in mains power mode Auto-off interval(s) in battery mode/rechargeable battery mode Capacity - Display Tare function	plastic stainless steel Stainless steel 180×160 mm ✓ 5 3 min 3 min 3 min ✓ manual (multi)
(W×D×H) Material housing Material weighing plate Material platform Dimensions weighing surface (W×D) Levelling feet adjustable Functions Number of keys for operation Auto-off interval(s) in mains power mode Auto-off interval(s) in battery mode/rechargeable battery mode Capacity - Display Tare function Percentage determination Counting function Tolerance weighing	plastic stainless steel Stainless steel 180×160 mm ✓ 5 3 min 3 min ✓ manual (multi) ✓ ✓
(W×D×H) Material housing Material weighing plate Material platform Dimensions weighing surface (W×D) Levelling feet adjustable Functions Number of keys for operation Auto-off interval(s) in mains power mode Auto-off interval(s) in battery mode/rechargeable battery mode Capacity - Display Tare function Percentage determination Counting function	plastic stainless steel Stainless steel 180×160 mm ✓ 5 3 min 3 min 3 min ✓ manual (multi) ✓

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Counting

Smallest piece weight when piece counting - laboratory conditions	10 mg
Smallest piece weight when piece counting - normal conditions	100 mg
Reference quantity	10, 30, 50, 100
Counting resolution (laboratory conditions)	220.000

Power Supply

Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Input voltage device / power [Max]	12 V, 1 A
Plug-in power supply type	Power adapter
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	12 h
Rechargeable battery operating time - backlight on	12 h
Battery / accumulator type	NiCd

Environmental conditions

Humity of environment [Max]	80 %	
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Ambient temperature [Min]	10 °C	
Ambient temperature [Max]	30 °C	

Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	325×410×220 mm
Net weight	3,84 kg
Shipping method	Parcel service
Net weight approx.	4,0 kg
Gross weight approx.	6 kg
Shipping weight	5,9 kg

965-216

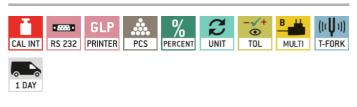
Services (optional)

Article number for conformity assessment

Article number for DAkkS
calibration963-127Article number for certificate of
conformity (verification)969-517

Pictograms

STANDARD



OPTION



FACTORY



