KERN EW 2200-2NM



The classic balance with robust tuning fork measuring system



Category	
Brand	KERN
Product categoriy	Laboratory balance
Product group	Precision balance
Product family	EW-N
Measuring System	
Construction type of the scale	Single-range balance
Weighing system	Tuning fork
Weighing capacity [Max]	2200 g
Readability [d]	0,01 g
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
USP Minimum weight of sample (k = 2, U = 0.1%)	20 g
Adjustment options	Adjusting with external weight
Recommended adjusting weight	2 kg (F1)
Stabilization time	2 s
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,03 g

Maximum creep (15 minutes) Maximum creep (30 minutes)	100 mg 200 mg
Approval	
CE mark	✓
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
Material housing	plastic
Material weighing plate	stainless steel
Dimensions weighing surface (W×D)	180×160 mm
Levelling feet adjustable	1
Functions	
Number of keys for operation	5
Number of keys for operation Auto-off interval(s) in mains power mode	5 3 min
Auto-off interval(s) in mains power	-
Auto-off interval(s) in mains power mode Auto-off interval(s) in battery	3 min
Auto-off interval(s) in mains power mode Auto-off interval(s) in battery mode/rechargeable battery mode	3 min
Auto-off interval(s) in mains power mode Auto-off interval(s) in battery mode/rechargeable battery mode Capacity display	3 min 3 min
Auto-off interval(s) in mains power mode Auto-off interval(s) in battery mode/rechargeable battery mode Capacity display Tare function	3 min 3 min ✓ manual (multi)
Auto-off interval(s) in mains power mode Auto-off interval(s) in battery mode/rechargeable battery mode Capacity display Tare function Percentage determination	3 min 3 min ✓ manual (multi)
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	3 min 3 min ✓ manual (multi) ✓
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 Tolerance weighing - type of signal Underfloor weighing	3 min 3 min ✓ manual (multi) ✓ ✓
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 Tolerance weighing - type of signal	3 min 3 min ✓ manual (multi) ✓ ✓ ✓ ✓ ✓ Visual
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 Tolerance weighing - type of signal Underfloor weighing	3 min 3 min ✓ manual (multi) ✓ ✓ ✓ visual Eye (optional)
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 Tolerance weighing - type of signal Underfloor weighing Interfaces	3 min 3 min ✓ manual (multi) ✓ ✓ ✓ visual Eye (optional)
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 Tolerance weighing - type of signal Underfloor weighing Interfaces Counting Smallest piece weight when piece	3 min 3 min ✓ manual (multi) ✓ ✓ visual Eye (optional) RS-232 standard
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 Tolerance weighing - type of signal Underfloor weighing Interfaces Counting Smallest piece weight when piece counting - laboratory conditions	3 min 3 min ✓ manual (multi) ✓ ✓ ✓ Visual Eye (optional) RS-232 standard 10 mg

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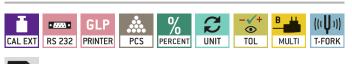
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Dowor	Supply
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Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz	
Input voltage device / power [Max]	12 V, 1 A	
Plug-in power supply type	Power adapter	
Supplied power supply	Power supply 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 AUS 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 %	
Ambient temperature [Min]	10 °C	
Ambient temperature [Max]	30 °C	
Storage temperature [Min]	-20 °C	
Storage temperature [Max]	0° 00	
Packing & Shipping		
Readability force [d] (N)	1 d	
Dimensions packaging (W×D×H)	325×410×220 mm	
Net weight	2,866 kg	
Shipping method	Parcel service	
Not weight opprov	$2.0 k \sigma$	

Pictograms

STANDARD





OPTION

	È	DAkkS
ACCU	UNDER	+3 DAYS

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	325×410×220 mm
Net weight	2,866 kg
Shipping method	Parcel service
Net weight approx.	3,0 kg
Gross weight approx.	4,2 kg
Shipping weight	5,9 kg

Services (optional)

Article number for DAkkS calibration	963-127
Article number for certificate of conformity (verification)	969-517