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

Measuring System

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Construction type of the scale	Single-range balance
Weighing system	Tuning fork
Weighing capacity [Max]	2200 g
Readability [d]	0,01 g
Reproducibility	0,01 g
Linearity	± 0,01 g
USP Minimum weight of sample (k = 2, U = 0.1%)	20 g
Resolution	220.000
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)	100 mg
Maximum creep (30 minutes)	200 mg
Default unit	g
Units	g dwt tl (Tw) tl (HK) ozt tl (Singap, Malays) ct lb

	oz
	to
	mom
Display	
Display type	LCD
Display backlight	\checkmark
Display screen size	109×22 mm
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
Dimensions weighing surface (W×D)	180×160 mm
Dimensions weighing surface	180×160 mm
Material housing	plastic
Material weighing plate	stainless steel
Level indicator	✓
Levelling feet adjustable	✓ ✓
	•
Functions	
Percentage determination	<i>√</i>
Percentage determination Tolerance weighing	✓ ✓
Tolerance weighing	✓ visual
Tolerance weighing Tolerance weighing - type of signal Underfloor weighing	1
Tolerance weighing Tolerance weighing - type of signal Underfloor weighing Capacity - Display	✓ visual Eye (optional) ✓
Tolerance weighing Tolerance weighing - type of signal Underfloor weighing Capacity - Display Counting function	✓ visual Eye (optional)
Tolerance weighing Tolerance weighing - type of signal Underfloor weighing Capacity - Display Counting function Counting resolution (laboratory	✓ visual Eye (optional) ✓
Tolerance weighing Tolerance weighing - type of signal Underfloor weighing Capacity - Display Counting function	✓ visual Eye (optional) ✓
Tolerance weighing Tolerance weighing - type of signal Underfloor weighing Capacity - Display Counting function Counting resolution (laboratory conditions) Smallest piece weight when piece	✓ visual Eye (optional) ✓ 220.000
Tolerance weighing Tolerance weighing - type of signal Underfloor weighing Capacity - Display Counting function Counting resolution (laboratory conditions) Smallest piece weight when piece counting - laboratory conditions Smallest piece weight when piece	✓ visual Eye (optional) ✓ ✓ 220.000 10 mg
Tolerance weighing Tolerance weighing - type of signal Underfloor weighing Capacity - Display Counting function Counting resolution (laboratory conditions) Smallest piece weight when piece counting - laboratory conditions Smallest piece weight when piece counting - normal conditions	✓ visual Eye (optional) ✓ 220.000 10 mg 100 mg
Tolerance weighing Tolerance weighing - type of signal Underfloor weighing Capacity - Display Counting function Counting resolution (laboratory conditions) Smallest piece weight when piece counting - laboratory conditions Smallest piece weight when piece counting - normal conditions Reference quantity Auto-off interval(s) in battery	 ✓ ✓
Tolerance weighing Tolerance weighing - type of signal Underfloor weighing Capacity - Display Counting function Counting resolution (laboratory conditions) Smallest piece weight when piece counting - laboratory conditions Smallest piece weight when piece counting - normal conditions Reference quantity Auto-off interval(s) in battery mode/rechargeable battery mode Auto-off interval(s) in mains power	 ✓ ✓
Tolerance weighing Tolerance weighing - type of signal Underfloor weighing Capacity - Display Counting function Counting resolution (laboratory conditions) Smallest piece weight when piece counting - laboratory conditions Smallest piece weight when piece counting - normal conditions Reference quantity Auto-off interval(s) in battery mode/rechargeable battery mode Auto-off interval(s) in mains power mode	 ✓ ✓
Tolerance weighing Tolerance weighing - type of signal Underfloor weighing Capacity - Display Counting function Counting resolution (laboratory conditions) Smallest piece weight when piece counting - laboratory conditions Smallest piece weight when piece counting - normal conditions Reference quantity Auto-off interval(s) in battery mode/rechargeable battery mode Auto-off interval(s) in mains power mode	 ✓ ✓
Tolerance weighing Tolerance weighing - type of signal Underfloor weighing Capacity - Display Counting function Counting resolution (laboratory conditions) Smallest piece weight when piece counting - laboratory conditions Smallest piece weight when piece counting - normal conditions Reference quantity Auto-off interval(s) in battery mode/rechargeable battery mode Auto-off interval(s) in mains power mode Tare function Number of keys for operation	 ✓ ✓

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Power Supply

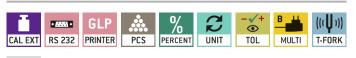
Supplied power supply	Power supply unit
Plug-in power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO UK US CH
Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Input voltage device / power [Max]	12 V, 1 A
Battery / accumulator type	NiCd
Rechargeable battery	EG-A06
Rechargeable battery operating time - backlight on	12 h
Rechargeable battery charging time	12 h
Rechargeable battery optional	Rchrg. battery optional
Environmental conditions	
Ambient temperature [Min]	10 °C
Ambient temperature [Max]	30 °C
Humity of environment [Max]	80 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	0° 06
Approval	
CE mark	\checkmark
Services (optional)	
Article number for DAkkS calibration	963-127
	963-127 969-517

Packing & Shipping

1 d
325×410×220 mm
Parcel service
3,0 kg
4,2 kg
5,9 kg

Pictograms

STANDARD



1 DAY

OPTION

	–	DAkkS
ACCU	UNDER	+3 DAYS