KERN EW 620-3NM



The classic balance with robust tuning fork measuring system



Cotogony	
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]	620 g
Readability [d]	0,001 g
Resolution	620.000
Linearity	± 0,003 g
Reproducibility	0,001 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%)	2 g
Adjustment options	Adjusting with external weight
Recommended adjusting weight	500 g (E2)
Stabilization time	2 s
Warm-up time	4 h
Eccentric loading at 1/3 [Max]	0,003 g

Maximum creep (15 minutes)	10 mg
Maximum creep (30 minutes)	20 mg
Approval	
CE mark	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 rectangular draught	
shield - inner (W×D×H)	158×130×78 mm
Dimensions rectangular draught shield - outer (W×D×H)	174×144×105 mm
Dimensions completely mounted (W×D×H)	185×235×165 mm
Material housing	plastic
Material weighing plate	stainless steel
Material draught shield	plastic
Dimensions weighing surface (Ø)	118 mm
Levelling feet adjustable	1
Draught shield optional	1
Functions	
Number of keys for operation	5
Auto-off interval(s) in mains power mode	3 min
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min
Capacity display	1
Tare function	manual (multi)
Percentage determination	1
Counting function	1
Tolerance weighing	1
Tolerance weighing - type of signal	visual
Underfloor weighing	Eye (optional)
Interfaces	RS-232 standard
Counting	
Smallest piece weight when piece counting - laboratory conditions	1 mg
Smallest piece weight when piece counting - normal conditions	10 mg

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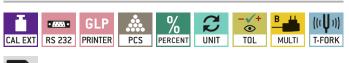


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	10 00 50 100
Reference quantity	10, 30, 50, 100
Counting resolution (laboratory	620.000
conditions)	
Power Supply	
Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Input voltage device / power [Max]	12 V, 1 A
Plug-in power supply type	Power adapter
Supplied power supply	Power supply unit
	EURO
Plug-in power supply / adapter for	UK
countries - included with the	US
delivery	СН
	EURO
Plug-in power supply / adapter for	AUS
countries - optional	UK
	US CH
Dechargeable better (entional	
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)	400×325×220 mm
Net weight	1,365 kg
Shipping method	Parcel service
Net weight approx.	1,4 kg
Gross weight approx.	3,0 kg
Shipping weight	5,7 kg
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Services (optional)	
Article number for DAkkS	963-103
calibration	
Article number for certificate of	969-517
conformity (verification)	

Pictograms

STANDARD





OPTION

	-	DAkkS
ACCU	UNDER	+3 DAYS