

# KERN EW 620-3NM

The classic balance with robust tuning fork measuring system



Maximum creep (30 minutes)	20 mg
Default unit	g

Display	
Display type	LCD
Display backlight	✓
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)	185×235×165 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 weighing surface (Ø)	118 mm
Dimensions weighing surface	118 mm
Material housing	plastic
Material weighing plate	stainless steel
Material draught shield	plastic
Level indicator	✓
Levelling feet adjustable	✓
Draught shield optional	✓

Functions	
Percentage determination	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	visual
Underfloor weighing	Eye (optional)
Capacity - Display	✓
Counting function	✓
Counting resolution (laboratory conditions)	620.000
Smallest piece weight when piece counting - laboratory conditions	1 mg
Smallest piece weight when piece counting - normal conditions	10 mg
Reference quantity	10, 30, 50, 100
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min
Auto-off interval(s) in mains power mode	3 min
Tare function	manual (multi)
Number of keys for operation	5

Category	
Brand	KERN
Product category	Laboratory balance
Product group	Precision balance
Product family	EW

Measuring System	
Weighing system	Tuning fork
Weighing capacity [Max]	620 g
USP Minimum weight of sample (k = 2, U = 0.1%)	2 g
Readability [d]	0,001 g
Reproducibility	0,001 g
Linearity	± 0,003 g
Resolution	620.000
Adjustment options	Adjusting with external weight
Recommended adjusting weight	500 g (E2)
Stabilization time	2 s
Eccentric loading at 1/3 [Max]	0,003 g
Construction type of the scale	Single-range balance
Units	g gn dwt tl (Tw) tl (HK) ozt tl (Singap, Malays) ct lb oz to mom
Maximum creep (15 minutes)	10 mg

# KERN EW 620-3NM



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## Interface

Interfaces	RS-232 standard
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## Power Supply

Supplied power supply	Power supply unit
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Power supply type	Power adapter
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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
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Input voltage device / power [Max]	12 V, 1 A
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Power socket for mains adapter	Hollow plug inside minus, Ø outside 5,2 mm, Ø inside 1,7 mm, long 9,4 mm
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Battery / accumulator type	NiCd
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Rechargeable battery	EG-A04
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Rechargeable battery operating time - backlight on	12 h
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Rechargeable battery charging time	12 h
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Rechargeable battery optional	Rchrg. battery optional (factory)
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## Environmental conditions

Ambient temperature [Min]	10 °C
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Ambient temperature [Max]	30 °C
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Humidity of environment [Max]	80 %
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Storage temperature [Min]	-20 °C
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Storage temperature [Max]	60 °C
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## Approval

CE mark	✓
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## Services (optional)

Article number for DAkkS calibration	963-103
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Article number for certificate of conformity	969-517
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## Packing & Shipping

Delivery time	1 d
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Dimensions packaging (W×D×H)	400×325×220 mm
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Shipping method	Parcel service
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Net weight approx.	1,4 kg
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Gross weight approx.	3,0 kg
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Shipping weight	5,7 kg
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## Product information

GTIN/EAN number	4045761028883
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Trade number	90160010
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REACH classification	no prohibited substances
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## Pictograms

### STANDARD



### OPTION



### FACTORY

