

# KERN EG 620-3NM

The classic balance with robust tuning fork measuring system



## Category

Brand	KERN
Product category	Laboratory balance
Product group	Precision balance
Product family	EG

## Measuring System

Weighing system	Tuning fork
Weighing capacity [Max]	620 g
Readability [d]	0,001 g
Reproducibility	0,001 g
Linearity	± 0,004 g
Minimum weight [Min]	0,1 g
Conformity assessment possible	✓
Resolution	620.000
Adjustment options	Adjusting with internal weight (manual)
Stabilization time	3 s
Warm-up time	4 h
Eccentric loading at 1/3 [Max]	0,004 g
Units (if device is conformity assessed)	g ct
Minimum weight [Min] (ct)	0,2 ct
USP Minimum weight of sample (k = 2, U = 0.1%)	2 g
Construction type of the scale	Single-range balance
Units	g dwt tl (Tw) tl (HK) ozt tl (Singap, Malays) ct

	mo
	lb
	oz
	tol
Weighing capacity [Max] (ct)	3100 ct
Readability carat [d] (ct)	0,01 ct
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 platform	stainless steel
Material draught shield	plastic
Level indicator	✓
Levelling feet adjustable	✓
Draught shield optional	✓

## Functions

Percentage determination	✓
Tolerance weighing	✓
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

# KERN EG 620-3NM

# KERN

The classic balance with robust tuning fork measuring system

Auto-off interval(s) in mains power mode	3 min
Tare function	manual (multi)
Number of keys for operation	5

## Interface

Interfaces	RS-232 standard
------------	-----------------

## Power Supply

Supplied power supply	Power supply unit
Power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO
	AUS
	UK
	US
	CH

Plug-in power supply / adapter for countries - optional	EURO
	UK
	US
	CH

Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
--	-------------------------

Power supply cable removable	removable
------------------------------	-----------

Input voltage device / power [Max]	12 V, 1 A
------------------------------------	-----------

Power socket for mains adapter	Hollow plug inside minus, Ø outside 5,2 mm, Ø inside 1,7 mm, long 9,4 mm

Battery / accumulator type	NiCd
----------------------------	------

Rechargeable battery	EG-A04
----------------------	--------

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
---------------------------	-------

Humidity of environment [Max]	80 %
-------------------------------	------

## Approval

CE mark	✓
---------	---

Conformity assessment possible ex works	✓
---	---

Accuracy classe	I
-----------------	---

Verification scale interval [e]	0,01 g
---------------------------------	--------

Verification scale interval [e] (ct)	0,1 ct
--------------------------------------	--------

## Services (optional)

Article number for conformity assessment	965-201
--	---------

Article number for DAkkS calibration	963-103
--------------------------------------	---------

Article number for certificate of conformity	969-517
--	---------

## Packing & Shipping

Delivery time	1 d
---------------	-----

Dimensions packaging (W×D×H)	315×360×265 mm
------------------------------	----------------

Shipping method	Parcel service
-----------------	----------------

Net weight approx.	2,0 kg
--------------------	--------

Gross weight approx.	3,4 kg
----------------------	--------

Shipping weight	6 kg
-----------------	------

## Product information

GTIN/EAN number	4045761212633
-----------------	---------------

REACH classification	no prohibited substances
----------------------	--------------------------

## Pictograms

### STANDARD



### OPTION



### FACTORY

