

KERN EG 4200-2NM

The classic balance with robust tuning fork measuring system

KERN[®]



Article codes, product groups & Status information

Model article-code	EG 4200-2NM
Model-Serie	EG
Assortment	KERN
Product Type	Laboratory balances
Product group	Precision balances
Product usage type	Main article
EAN code (Model)	4045761212664
Predecessor Model	EG 4200-2NM-2017a
Planned start date	2018-2HJ
Customs tariff number	90160010
CE Label	Yes

Technical data - Primary

Weighing capacity	4200 g
Readability	0.01 g
Repeatability	0.01 g
Linearity	± 0.02 g
Minimum piece weight	100 mg
Weighing surface (d)	180×160 mm

Technical data - Construction

Dimension housing (W×D×H)	180×235×75 mm
Bubble Level	Yes
Material weighing plate	Stainless steel
Revolving screw feet	Yes

Casing material	Plastic
Dimensions of weighing plate (W×D)	180×160 mm
Weighing surface (d)	180×160 mm

Technical data - Display

Display height	17 mm
Backlight	Yes

Technical data - Power supply

Mains adapter/adaptor included	AUS;CH;EURO;UK;US
Charging time	12 h
Input Voltage	220 V - 240 V AC, 50 Hz
Rechargeable battery	Rchrg. battery optional

Technical data - Measuring system

Calibration method	Adjusting with internal weight (manual)
Linearity	± 0.02 g
Minimum weight (USP)	20 g
Readability	0.01 g
Repeatability	0.01 g
Stabilisation time under laboratory conditions	3 s
Warm up time	4 h
Carat - max capacity	21000 ct
Carat - readout	0.1 ct

Technical data - Environmental conditions

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Maximum humidity 80 %

Maximum operating temperature 30 °C

Minimum ambient temperature 10 °C

Technical data - Packing & Shipping

Dimensions packaging (W×D×H) 410×325×230 mm

Gross weight 6 kg

Net weight 4 kg

Shipping method Parcel service

Packaging component - by weight - paper 165 g

Packaging component - by weight - cardboard 905 g

Packaging component - by weight - plastics 30 g

Packaging component - by weight - styrofoam 0 g

Packaging component - by weight - glass 0 g

Packaging component - by weight - wood 0 g

Packaging component - by weight - foam 100 g

Packaging component - by weight - metal 0 g

Delivery time 1 d

Counting resolution 420000

Minimum piece weight at piece counting (Laboratory) 10 mg

Minimum piece weight 100 mg

Technical data - Verification

Verification value (e) 0.1 g

Minimum load (Min) 0.5 g

Verification by KERN possible Yes

Verification class II

Optional Services

DAkkS Calibration 963-127

Verification 965-216

Technical data - Counting data

Functions

Standard



Option



Factory

