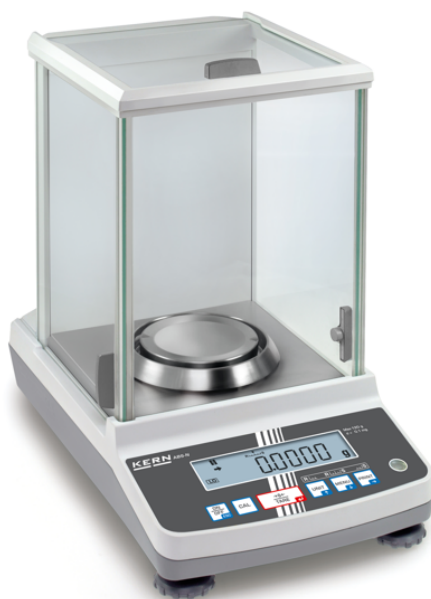


KERN ABJ 320-4NM

The bestseller in analytical balances, with high-quality single-cell weighing system



Article codes, product groups & Status information

Model article-code	ABJ 320-4NM
Model-Serie	ABJ
Assortment	KERN
Product Type	Laboratory balances
Product group	Analytical balances
Product usage type	Main article
EAN code (Model)	4045761145344
Successor Model	ACJ 300-4M
Planned start date	2012-2HJ
Customs tariff number	90160010
Discontinued model	Yes

Technical data - Primary

Weighing capacity	320 g
Readability	0.0001 g
Repeatability	0.0002 g
Linearity	± 0.0003 g

Technical data - Construction

Dimensions draft shield, inner (W×D×H)	201×220×256 mm
Dimensions draft shield, outer (W×D×H)	213×333×338 mm
Bubble Level	Yes
Material weighing plate	Stainless steel

Revolving screw feet	Yes
Casing material	Cast aluminium, plastic
Weighing space (W×D×H)	174×162×227 mm

Technical data - Display

Display height	14 mm
Backlight	No

Technical data - Power supply

Mains adapter/adapter included	AUS;CH;EURO;UK;US
Input Voltage	110 V - 230 V AC
Mains adapter	Power supply unit

Technical data - Measuring system

Calibration method	Internal calibration (automatic); Adjusting with internal weight (manual)
Linearity	± 0.0003 g
Minimum weight (USP)	400 mg
Readability	0.0001 g
Repeatability	0.0002 g
Stabilisation time under laboratory conditions	3 s
Warm up time	8 h
Weighing system	Single-Cell
Weighing units	Ct;g;mg
Carat - max capacity	1600 ct

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Carat - readout 0.001 ct

Technical data - Environmental conditions

Maximum humidity 85 %

Maximum operating temperature 30 °C

Minimum ambient temperature 10 °C

Minimum humidity 20 %

Technical data - Packing & Shipping

Dimensions packaging (W×D×H) 390×570×530 mm

Gross weight 9 kg

Net weight 7 kg

Shipping method Parcel service

Packaging component - by weight - paper 165 g

Packaging component - by weight - cardboard 1805 g

Packaging component - by weight - plastics 30 g

Packaging component - by weight - glass 0 g

Packaging component - by weight - wood 0 g

Packaging component - by weight - foam 100 g

Delivery time 1 d

Technical data - Counting data

Counting resolution 320000

Minimum piece weight at piece counting (Laboratory) 1 mg

Minimum piece weight 10 mg

Technical data - Verification

Verification approval conforming to 2014/31/EU Yes

Optional Services

DAkkS Calibration 963-101

Functions

Standard



Option

