

KERN ABT 120-4NM

The premium model with single-cell weighing system

KERN[®]



Article codes, product groups & Status information

Model article-code	ABT 120-4NM
Model-Serie	ABT
Assortment	KERN
Product Type	Laboratory balances
Product group	Analytical balances
Product usage type	Main article
EAN code (Model)	4045761185524
Planned start date	2016-2HJ
Customs tariff number	90160010
Discontinued model	Yes

Technical data - Primary

Weighing capacity	120 g
Readability	0.0001 g
Repeatability	0.0001 g
Linearity	± 0.0002 g
Verification value (e)	0.001 g
Minimum load (Min)	0.01 g

Technical data - Construction

Dimensions draft shield, inner (W×D×H)	200×240×260 mm
Dimensions draft shield, outer (W×D×H)	217×356×338 mm
Bubble Level	Yes

Material weighing plate	Stainless steel
Revolving screw feet	Yes
Casing material	Metal
Weighing space (W×D×H)	168×172×223 mm

Technical data - Display

Display height	14 mm
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Technical data - Power supply

Mains adapter/adapter included	AUS;CH;EURO;UK;US
Input Voltage	220 V - 240 V AC, 50 Hz
Mains adapter	Power supply unit

Technical data - Measuring system

Calibration method	Internal calibration (automatic); Adjusting with internal weight (manual)
Linearity	± 0.0002 g
Minimum weight (USP)	200 mg
Readability	0.0001 g
Repeatability	0.0001 g
Stabilisation time under laboratory conditions	4 s
Tare range	120 g
Warm up time	8 h
Weighing system	Single-Cell
Weighing units	Ct;g

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Carat - max capacity	600 ct
Carat - readout	0.001 ct

Technical data - Environmental conditions

Maximum humidity	80 %
Maximum operating temperature	30 °C
Minimum ambient temperature	10 °C

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	590×400×540 mm
Gross weight	12 kg
Net weight	7 kg
Shipping method	Parcel service
Packaging component - by weight - paper	165 g
Packaging component - by weight - cardboard	4805 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	120000
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Minimum piece weight at piece counting (Laboratory)	1 mg
Minimum piece weight	10 mg

Technical data - Verification

Verification Value E	0.001 g
Minimum load (Min)	0.01 g
Verification approval conforming to 2014/31/EU	Yes
Verification by KERN possible	Yes
Verification class	I

Optional Services

DAkkS Calibration	963-101
Verification	965-201

Functions

Standard



Option



Factory

