

KERN ADB 100-4

Flexible analytical scales for reliable routine applications



Article codes, product groups & Status information

Model article-code	ADB 100-4
Model-Serie	ADB
Assortment	Scales
Product Type	Laboratory balances
Product group	Analytical balances
Product usage type	Main article
EAN code (Model)	4045761203228
Planned start date	2018-1HJ
Customs tariff number	90160010
CE Label	Yes
Country of Origin	CN

Technical data - Primary

Weighing capacity	120 g
Readability	0,0001 g
Repeatability	0,0002 g
Linearity	± 0,0004 g

Technical data - Construction

Dimensions draft shield, inner (W×D×H)	175×175×230 mm
Dimensions draft shield, outer (W×D×H)	230×310×330 mm
Bubble Level	Yes
Material weighing plate	Stainless steel

Revolving screw feet	Yes
Casing material	Plastic
Weighing space (W×D×H)	170×160×205 mm

Technical data - Display

Display height	16 mm
Backlight	Yes

Technical data - Power supply

Mains adapter/adapter included	EURO;UK;US
Input Voltage	100-265V; 50-60Hz; 2,0A
Mains adapter	Power supply unit
Interfaces	RS-232 standard

Technical data - Measuring system

Calibration method	Adjusting with external weight
Linearity	± 0,0004 g
Minimum weight (USP)	400 mg
Readability	0,0001 g
Recommended adjusting weight	120 g (E2)
Repeatability	0,0002 g
Stabilisation time under laboratory conditions	4 s
Tare range	120 g
Warm up time	8 h
Weighing system	Force compensation
Weighing units	Ct;g;lb;oz

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Carat - max capacity 600 ct

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) 390×490×460 mm

Gross weight 8 kg

Net weight 4,4 kg

Shipping method Parcel service

Packaging component - by weight - paper 165 g

Packaging component - by weight - cardboard 1.911 g

Packaging component - by weight - plastics 29 g

Packaging component - by weight - styrofoam 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 120.000

Minimum piece weight at piece counting (Laboratory) 1 mg

Minimum piece weight 10 mg

Optional Services

DAkkS Calibration 963-101

Functions

Standard



Option

DAkkS