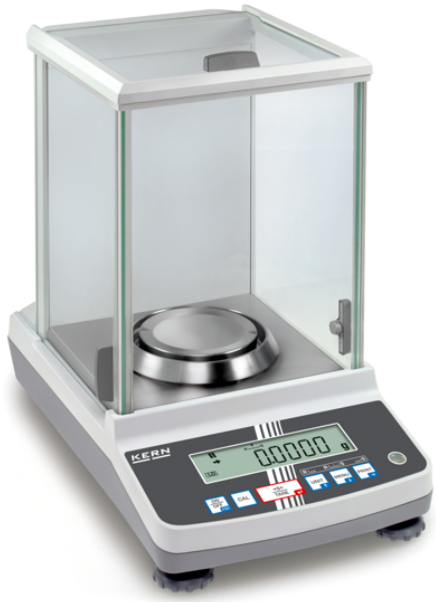
KERN ACJ 300-4M

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



Article codes, product groups & Status information	
Model article-code	ACJ 300-4M
Model-Serie	ACJ
Assortment	Scales
Product Type	Laboratory balances
Product group	Analytical balances
Product usage type	Main article
EAN code (Model)	4045761235663
Predecessor Model	ABJ 320-4NM
Planned start date	2020-1HJ
Customs tariff number	90160010
CE Label	Yes
Country of Origin	PH

Technical data - Primary	
Weighing capacity	320 g
Readability	0,0001 g
Repeatability	0,0002 g
Linearity	± 0,0003 g
Verification value (e)	0,001 g
Minimum load (Min)	0,01 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
Interfaces	RS-232 standard;USB-Device

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
Recommended adjusting weight	300 g (E2)
Repeatability	0,0002 g
Stabilisation time under laboratory conditions	3 s

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Warm up time	8 h
Weighing system	Single-Cell
Weighing units	Ct;g;mg
Carat - max capacity	1.600 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)	390×570×530 mm
Gross weight	9 kg
Net weight	7 kg
Shipping method	Parcel service
Packaging component - by weight - cardboard	1.265 g
Packaging component - by weight - styrofoam	1.265 g
Packaging component - by weight - wood	0 g
Delivery time	1 d

Technical data - Counting data

Counting resolution	320.000
Mininum 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 by KERN possible	Yes
Verification class	I

Optional Services

DAkkS Calibration	963-101
Verification	965-201

Functions

Standard

Option

DAkkS

Factory

M