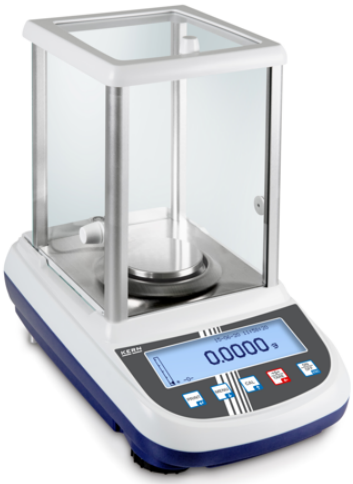
KERN ALS 160-4A

Analytical balance with high weighing capacity, graphic display and convenient recipe function



Article codes, product groups & Status information	
Model article-code	ALS 160-4A
Model-Serie	ALS
Assortment	Scales
Segment	Laboratory balances
Product group	Analytical balances
Product usage type	Main article
EAN code (Model)	4045761243033
Predecessor Model	ALS 160-4A-2.020a
Planned start date	2021-1HJ
Customs tariff number	90160010
CE Label	Yes
Country of Origin	CN

Technical data - Primary	
Weighing capacity	160 g
Readability	0,0001 g
Repeatability	0,0001 g
Linearity	± 0,0003 g

Technical data - Construction	
Dimensions draft shield, inner (W×D×H)	172×185×245 mm
Dimensions draft shield, outer (W×D×H)	210×340×330 mm
Bubble Level	Yes
Material weighing plate	Stainless steel
Revolving screw feet	Yes
Casing material	Plastic
Weighing space (W×D×H)	160×170×225 mm

Technical data - Display	
Display height	15 mm
Backlight	Yes

Technical data - Power supply	
Mains adapter/adapter included	AUS;CH;EURO;UK;US
Input Voltage	country dependent
Mains adapter	Power supply unit
Interfaces	RS-232 standard

Technical data - Measuring system	
Calibration method	Adjusting with external weight
Linearity	± 0,0003 g
Minimum weight (USP)	200 mg
Readability	0,0001 g
Recommended adjusting weight	150 g (E2)
Repeatability	0,0001 g
Stabilisation time under laboratory conditions	4 s
Warm up time	8 h
Weighing system	Force compensation
Weighing units	Ct;dwt;g;gn;lb;mg;mo;oz;ozt;tl (HK);tl (Singap, Malays);tl (Tw)

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Carat - max capacity	800 ct
Carat - readout	0,001 ct

Technical data - Environmental conditions

Maximum humidity	80 %
Maximum operating temperature	35 °C
Minimum ambient temperature	5 °C

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	520×420×535 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	2,15 g
Packaging component - by weight - plastics	30 g
Packaging component - by weight - foam	100 g
Delivery time	1 d

Technical data - Counting data

Counting resolution	160.000
Mininum piece weight at piece counting (Laboratory)	1 mg
Minimum piece weight	10 mg

Optional Services

DAkkS Calibration	963-101

Functions

Standard

Option