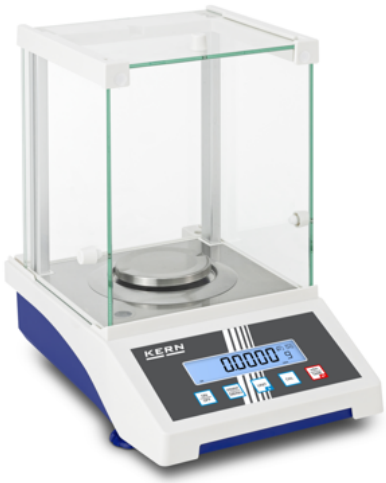
KERN AXS 100-4

Entry level analytical balance with compact housing and external adjustment



Article codes, product groups & Status information	
Model article-code	AXS 100-4
Model-Serie	AXS
Assortment	Scales
Product Type	Laboratory balances
Product group	Analytical balances
Product usage type	Main article
EAN code (Model)	4045761478930
Planned start date	2025-1HJ
Customs tariff number	90160010
CE Label	Yes
Country of Origin	CN

Technical data - Primary	
Weighing capacity	120 g
Readability	0,0001 g
Repeatability	0,0005 g
Linearity	± 0,0007 g

Technical data - Construction	
Dimensions draft shield, inner (W×D×H)	180×175×200 mm
Dimensions draft shield, outer (W×D×H)	195×300×295 mm
Bubble Level	Yes
Material weighing plate	Stainless steel
Revolving screw feet	Yes
Casing material	ABS plastic
Weighing space (W×D×H)	175×150×205 mm

Technical data - Display	
Display height	16 mm
Backlight	Yes

Technical data - Power supply	
Mains adapter/adapter included	CH;EURO;UK;US
Input Voltage	100 V - 240 V AC, 50 / 60 Hz
Mains adapter	Power supply unit
Interfaces	RS-232 standard

Technical data - Measuring system	
Calibration method	Adjusting with external weight
Minimum weight (USP)	1 g
Recommended adjusting weight	100 g (E2)
Stabilisation time under laboratory conditions	3 s
Tare range	120 g
Warm up time	8 h
Weighing system	Force compensation
Weighing units	Ct;g;mg;oz

Technical data - Environmental conditions	
Maximum humidity	85 %

Maximum operating temperature	25 °C
Minimum ambient temperature	15 °C
Minimum humidity	20 %

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	320×430×415 mm
Gross weight	8 kg
Net weight	5,0 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 - wood	0 g
Packaging component - by weight - foam	100 g
Delivery time	1 d

Technical data - Counting data

Counting resolution	120.000
Mininum piece weight at piece counting (Laboratory)	1 mg
Minimum piece weight	10 mg

Optional Services

DAkkS Calibration	963-101

Functions

Standard



Option

