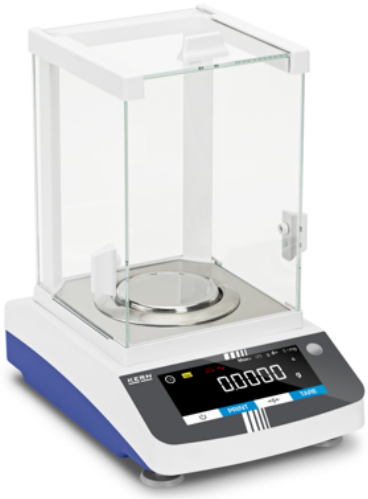
KERN ADS 100-4

Analytical balance with flexible functionality and touch display



Article codes, product groups & Status information	
Model article-code	ADS 100-4
Model-Serie	ADS
Assortment	Scales
Product Type	Laboratory balances
Product group	Analytical balances
Product usage type	Main article
EAN code (Model)	4045761481473
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	0,0003 g
Linearity	± 0,0003 g

Technical data - Construction	
Dimensions draft shield, inner (W×D×H)	201×220×256 mm
Bubble Level	Yes
Material weighing plate	Stainless steel
Revolving screw feet	Yes
Casing material	ABS plastic
Weighing space (W×D×H)	174×162×228 mm

Technical data - Display	
Display height	20 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;USB-Device

Technical data - Measuring system	
Calibration method	Adjusting with external weight
Linearity	± 0,0003 g
Minimum weight (USP)	600 mg
Readability	0,0001 g
Recommended adjusting weight	100 g (E2)
Repeatability	0,0003 g
Stabilisation time under laboratory conditions	3 s
Warm up time	8 h
Weighing system	Force compensation
Weighing units	Ct;dwt;ffa;g;gn;kg;lb;mg;N;oz;ozt;tl (Tw)

Technical data - Environmental conditions

Maximum humidity	80 %
Maximum operating temperature	25 °C
Minimum ambient temperature	15 °C
Minimum humidity	15 %

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	400×510×570 mm
Gross weight	8 kg
Net weight	6 kg
Shipping method	Parcel service
Packaging component - by weight - cardboard	1 kg
Packaging component - by weight - styrofoam	1 kg
Packaging component - by weight - wood	0 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