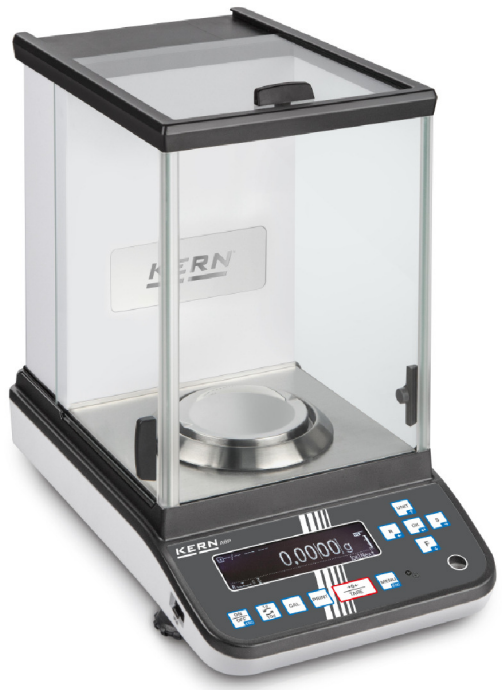
KERN **ABP 100-5DM**

Premium analytical balance with the latest Single-Cell Generation for extremely rapid, stable weighing results



Measuring system

Adjustment options:	Internal calibration (auto) Internal calibration (manual) External calibration
Linearity:	0,050 mg | 0,200 mg
Minimum weight (USP):	40 mg
Readability [d]:	0,010 mg | 0,100 mg
Repeatability:	0,020 mg | 0,100 mg
Resolution:	5.200.000 1.200.000
Stabilisation time under laboratory conditions:	8 s | 2 s
Tare range:	120 g
Warm up time:	8 h | 8 h
Weighing capacity [Max]:	52 g | 120 g
Weighing units:	g ct mg

Display

Display digit height (large):	1,200 cm

Technical data about verification

Minimum load [Min]:	1 mg
Periodic Verification for Italy:	969-112
Verification approval conforming to 2014/31/EU:	yes
Verification by KERN possible:	yes
Verification class:	I
Verification value [e]:	1 mg | 1 mg

Counting

Counting resolution:	120000
Mininum piece weight at piece counting (Laboratory:	1 mg
Mininum piece weight at piece counting (Normal):	10 mg
Reference weight:	yes

Functions

Capacity display:	yes
Counting function:	yes
Function to save totals:	yes
Percentage determination:	yes
Standby function:	yes
Vibration-free weighing (Animal weighing program):	yes
Weighing with tolerance range:	yes

Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	30 °C
Minimum ambient temperature:	10 °C

Power supply

Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	EURO CH UK US

Services (optional)

Adjustment at the location of installation:	961-247
DAkkS Certificate:	963-101
Verification:	965-201

Category

Brand:	KERN
Category:	Balances
Product Group:	Analytical balance

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	595 x 380 x 540 mm
Gross weight:	11,300 kg
Net weight:	7,720 kg
Shipping method:	Parcel service

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Construction

Dimensions draft shield (WxDxH):	213 x 156 x 225 mm
Dimensions housing (WxDxH):	213 x 433 x 344 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing space (WxDxH):	166 x 156 x 220 mm
Weighing surface (d):	91

Piktogramme

STANDARD



OPTION



FACTORY

