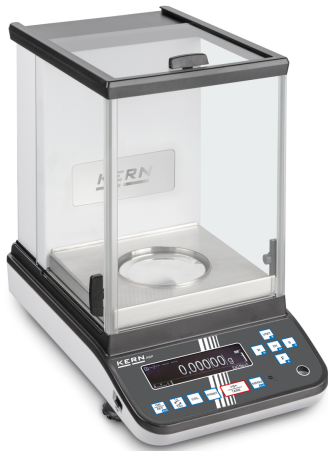


KERN ABP 100-5M



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



Material of housing	cast aluminium, plastic
Dimensions of housing (without removable parts)	213×433×344 mm
Dimensions of rectangular draft shield - internal	166×156×220 mm
Dimensions of rectangular draft shield - external	213×156×225 mm
Foot screws can be rotated	✓

Display

Type of display	OLED
Type of display	OLED
Display digit height - large	14 mm
Display - backlight	LED is self-luminous

Functions

Smallest piece weight when piece counting	1 mg
The smallest piece weight when piece counting - under normal conditions	10 mg
Counting resolution	135.000
Counting reference weight can be entered	✓
Counting reference	10, 20, 50, 100

Functions

Percentage weighing	✓
Animal weighing/peak hold function	✓
Tolerance weighing	✓
Counting function	✓
Capacity display	✓
Tare function	[Value missing]
Recipe weighing - database entries	5
Number of keys to operate the device	11
Stability	C (Laborwaagen: Nettogewicht > 5 kg)
Dispensing recommendation	C (Laborwaagen: Kraftkompensation)

Power supply

Power supply delivered with the product	Power supply unit
Type of power supply	Power adapter
Input voltage for power supply/ max. power	220 V - 240 V AC, 50 Hz

Category

Brand	KERN
Product category	Laboratory balances
Product group	Analytical balances

Measuring system

Weighing system	Single cell
Weighing range (Max)	135 g
Readability (g)	0,00001 g
Resolution	13.500.000
Minimum weight	0,001 g
Tare range	135 g
Reproducibility	0,00005 g
Linearity	± 0,0002 g
Eccentric loading at 1/3 max	0,0003 g
Stabilisation time	8 s
Warm up time	8 h
Verification possible	✓
Weighing range (max) in carat	675 ct
Minimum weight (min) in carat	0,01 ct
Verification values (e) in carat	0,01 ct
Readout (d) in carat	0,0001 ct

Technical data about verification

Verification class	I
Verification value	0,001 g
CE mark	✓

Construction

Material of weighing plate	stainless steel
Weighing surface (round) diameter	91 mm
weighingAreaMkt	91 mm

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Input voltage for device/max. power 12V; 1A

Environmental conditions

Air humidity of environment (max)	80 %
Minimum ambient temperature	10 °C
Ambient temperature (max.)	30 °C

Packing & Shipping

Dimensions of packaging	382×585×535 mm
Net weight approx.	8 kg
Gross weight approx.	12 kg
Total delivery time	1 d
Art des Versands	Parcel service

Dienstleistungen (optional)

DAkkS/DKD - items	963-101
Verification items	965-201
Item no. Adjustment at the location of installation	961-247

Pictograms

STANDARD



OPTION



FACTORY

