

KERN ABT100-5NM

The premium model with single-cell weighing system



Measuring system

Adjustment options:	Internal calibration (auto) Internal calibration (manual) External calibration
Eccentric loading at 1/3 [Max]:	0,150 mg
Linearity:	0,150 mg
Minimum weight (USP):	100 mg
Readability [d]:	0,010 mg
Repeatability:	0,050 mg
Resolution:	10.100.000
Stabilisation time under laboratory conditions:	10 s
Tare range:	101 g
Warm up time:	8 h
Weighing capacity [Max]:	101 g
Weighing units:	ct g

Display

Display digit height (large):	1,400 cm
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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

Counting

Counting resolution:	101000
Minimum piece weight at piece counting (Laboratory):	1 mg
Minimum 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
Suspended weighing:	Hook
Vibration-free weighing (Animal weighing program):	yes

Environmental conditions

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

Power supply

Input voltage:	110 V - 230 V AC
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	US EURO UK CH AUS

Services (optional)

DAkkS Certificate:	963-101
Verification:	965-201

Category

Brand:	KERN
Category:	Balances
Product Group:	Analytical balance

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	433 x 684 x 647 mm
Gross weight:	12,657 kg
Net weight:	7,529 kg
Shipping method:	Parcel service

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Construction

Casing material:	metal
Dimensions draft shield (WxDxH):	200 x 240 x 260 mm
Dimensions housing (WxDxH):	217 x 356 x 338 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Revolving screw feet:	yes
Weighing space (WxDxH):	168 x 172 x 223 mm
Weighing surface (d):	80

Piktogramme

STANDARD



OPTION



FACTORY



www.enrico-bruno.it