

KERN ABT 320-4NM

The premium model with single-cell weighing system



Measuring system

Adjustment options:	External calibration Internal calibration (auto) Internal calibration (manual)
Eccentric loading at 1/3 [Max]:	0,500 mg
Linearity:	0,300 mg
Minimum weight (USP):	200 mg
Readability [d]:	0,100 mg
Repeatability:	0,100 mg
Resolution:	3.200.000
Stabilisation time under laboratory conditions:	4 s
Tare range:	320 g
Warm up time:	8 h
Weighing capacity [Max]:	320 g
Weighing units:	g ct

Display

Display digit height (large):	1,400 cm
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Technical data about verification

Minimum load [Min]:	10 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:	320000
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:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	AUS UK US EURO CH

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):	405 x 580 x 550 mm
Gross weight:	11,500 kg
Net weight:	7,700 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 337 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

