

KERN ALS160-4A

Analytical balance range with large weighing ranges, intuitive graphics display and extensive recipe database



Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	0,400 mg
Linearity:	0,300 mg
Minimum weight (USP):	200 mg
Readability [d]:	0,100 mg
Recommended adjusting weight:	150 g (E2)
Repeatability:	0,100 mg
Resolution:	1.600.000
Stabilisation time under laboratory conditions:	4 s
Warm up time:	8 h
Weighing capacity [Max]:	160 g
Weighing system:	Force compensation
Weighing units:	dwt tl (Singap. Malays) mg ozt tl (Tw) gn tl (HK) ct g oz mo lb

Display

Display digit height (large):	1,500 cm
Display digit height (small):	4 mm

Technical data about verification

Verification class:	I (ohne Bauartzulassung)
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Counting

Counting resolution:	160000
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
Density determination function:	yes
Percentage determination:	yes
PRE-TARE function:	yes
Standby function:	yes
Vibration-free weighing (Animal weighing program):	yes
Weighing with tolerance range:	yes

Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	35 °C
Minimum ambient temperature:	5 °C

Power supply

Input voltage:	country-dependent
Mains adapter:	Mains adapter external
Mains adapter/adapter included:	UK AUS EURO CH US

Services (optional)

DAkkS Certificate:	963-101
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Category

Brand:	KERN
Category:	Balances
Product Group:	Analytical balance

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	400 x 515 x 615 mm
Gross weight:	9 kg
Net weight:	6,200 kg
Shipping method:	Parcel service

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Construction

Casing material:	Plastic
Dimensions draft shield (WxDxH):	172 x 185 x 245 mm
Dimensions housing (WxDxH):	210 x 340 x 330 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	210 x 340 x 330 mm
Revolving screw feet:	yes
Weighing space (WxDxH):	160 x 170 x 225 mm
Weighing surface (d):	80

Piktogramme

STANDARD



OPTION



FACTORY

