

# KERN AES100-4C

Compact high-end analytical balance with useful pipette calibration program and alibi memory



## Functions

Counting function:	yes
Data hold function:	yes
Density determination function:	yes
Dispensing function:	yes
Peak function:	yes
Percentage determination:	yes
PRE-TARE function:	yes
Standby function:	yes
Suspended weighing:	Hook
Weighing with tolerance range:	yes

## Environmental conditions

Maximum humidity:	80 %
Maximum operating temperature:	40 °C
Minimum ambient temperature:	10 °C

## Power supply

Input voltage:	110 V - 230 V AC
n/a:	CH EURO UK US

n/a:	Mains adapter external
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## Service

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):	495 x 400 x 515 mm
Gross weight:	7,800 kg
Net weight:	5 kg
Shipping method:	Parcel service

## Construction

Casing material:	Plastic
Dimensions draft shield (WxDxH):	175 x 170 x 260 mm
Dimensions housing (WxDxH):	206 x 335 x 330 mm
Level indicator:	yes
Material weighing plate:	stainless steel
Overall dimensions mounted (WxDxH):	206 x 335 x 335 mm

## Measuring system

Adjustment options:	External calibration
Linearity:	0,200 mg
n/a:	400 mg
Readout [d]:	0,100 mg
Recommended adjusting weight:	150 g (E2)
Reproducibility:	0,200 mg
Resolution:	1.600.000
Stabilisation time:	4 s
Warm up time:	8 h
Weighing range [Max]:	160 g
Weighing system:	Force compensation
Weighing units:	ct dwt g gn mg oz

## Display

Display digit height:	1,700 cm
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## Counting

Counting resolution:	320000
Minimum piece weight at piece counting (Laboratory):	0,500 mg
Minimum piece weight at piece counting (Normal):	5 mg

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Revolving screw feet:	yes
Weighing space (WxDxH):	168 x 160 x 225 mm
Weighing surface (d):	85