

KERN EMB 100-3

Entry level laboratory balance with tremendous weighing performance



Measuring system

Adjustment options:	External calibration
Eccentric loading at 1/3 [Max]:	5 mg
Linearity:	5 mg
Readability [d]:	1 mg
Recommended adjusting weight:	100 g (F1)
Repeatability:	1 mg
Resolution:	100000
Stabilisation time under laboratory conditions:	2,500 s
Tare range:	100 g
Warm up time:	2 h
Weighing capacity [Max]:	100 g
Weighing system:	Strain gauge
Weighing units:	g dwt oz t oz

Display

Display digit height (large):	1,500 cm
-------------------------------	----------

Functions

Suspended weighing:	Hook
---------------------	------

Environmental conditions

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

Power supply

Battery:	9 V Block
Charging time:	10 h
Input voltage:	220 V - 240 V AC 50 Hz
Mains adapter:	Mains adapter external
Operating time:	12 h
Operating time (Backlight off):	50 h
Rechargeable battery:	Rchrg. battery optional

Services (optional)

DAkkS Certificate:	963-127
--------------------	---------

Category

Brand:	KERN
Category:	Balances
Product Group:	School balance

Packaging & shipping

Delivery:	24 h
Dimensions packaging (WxDxH):	220 x 290 x 147 mm
Gross weight:	1,210 kg
Net weight:	830 g
Shipping method:	Parcel service

Construction

Casing material:	Plastic
Dimensions draft shield (ÅxH):	105 35
Dimensions housing (WxDxH):	170 x 244 x 54 mm
Overall dimensions mounted (WxDxH):	170 x 240 x 92 mm
Weighing space (ÅxH):	96 35
Weighing surface (d):	82

Piktogramme

STANDARD



OPTION

