

KERN EMB 100-3

Entry level laboratory balance with tremendous weighing performance

KERN[®]



Article codes, product groups & Status information

Model article-code	EMB 100-3
Model-Serie	EMB
Assortment	KERN
Product Type	Laboratory balances
Product group	School balances
Product usage type	Main article
EAN code (Model)	4045761098060
Planned start date	2015-1HJ
Customs tariff number	90160010
CE Label	Yes

Technical data - Primary

Weighing capacity	100 g
Readability	0.001 g
Repeatability	0.001 g
Linearity	± 0.005 g
Weighing surface (d)	82 mm
Recommended adjusting weight	100 g (F1)

Technical data - Construction

Dimensions of housing	170×244×54 mm
Material weighing plate	Plastic, with conductive lacquer
Casing material	Plastic
Weighing surface (d)	82 mm
Dimensions draft shield, inner (Ø×H)	96×35 mm

Dimensions draft shield, outer (Ø×H)	105×35 mm
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Technical data - Display

Display height	15 mm
Backlight	No

Technical data - Power supply

Battery	9 V Block
Operating time	16 h

Technical data - Measuring system

Calibration method	Adjusting with external weight
Linearity	± 0.005 g
Readability	0.001 g
Recommended adjusting weight	100 g (F1)
Repeatability	0.001 g
Stabilisation time under laboratory conditions	2.5 s
Tare range	100 g
Warm up time	120 min
Weighing system	Strain gauge
Weighing units	Dwt;g;oz;ozt

Technical data - Environmental conditions

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

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Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	220×290×147 mm
Gross weight	1.4 kg
Net weight	0.85 kg
Shipping method	Parcel service
Packaging component - by weight - paper	18 g
Packaging component - by weight - cardboard	890 g
Packaging component - by weight - plastics	6 g
Packaging component - by weight - styrofoam	111 g
Packaging component - by weight - wood	202 g
Delivery time	1 d

Optional Services

DAkkS Calibration	963-127
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Functions

Standard



Option

