KERN EMS 3000-2

Entry level model in the low-cost range with large weighing plate



Article codes, product groups & Status information	
Model article-code	EMS 3000-2
Model-Serie	EMS
Assortment	Scales
Product Type	Laboratory balances
Product group	School balances
Product usage type	Main article
EAN code (Model)	4045761133112
Planned start date	2013-1HJ
Customs tariff number	90160010
CE Label	Yes
Country of Origin	CN

Technical data - Primary	
Weighing capacity	3.000 g
Readability	0,01 g
Repeatability	0,02 g
Linearity	± 0,05 g
Weighing surface (d)	175×190 mm
Recommended adjusting weight	3 kg (F2)

Technical data - Construction	
Dimension housing (W×D×H)	200×280×65 mm
Material weighing plate	Plastic
Casing material	Plastic
Dimensions of weighing plate (W×D)	175×190 mm
Weighing surface (d)	175×190 mm

Technical data - Display	
Display height	25 mm
Backlight	No

Technical data - Power supply	
Battery	9 V Block
Operating time	40 h
Mains adapter/adapter included	CH;EURO;UK;US

Technical data - Measuring system	
Calibration method	Adjusting with external weight
Linearity	± 0,05 g
Readability	0,01 g
Recommended adjusting weight	3 kg (F2)
Repeatability	0,02 g
Stabilisation time under laboratory conditions	3 s
Tare range	3.000 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
Minimum humidity	40 %

Technical data - Packing & Shipping	
Dimensions packaging (W×D×H)	310×234×164 mm
Gross weight	2,0 kg
Net weight	1,6 kg
Shipping method	Parcel service
Packaging component - by weight - cardboard	637 g
Packaging component - by weight - plastics	10 g
Packaging component - by weight - styrofoam	209 g
Packaging component - by weight - foam	76 g
Delivery time	1 d

Technical data - Counting data	
Counting resolution	150.000
Mininum piece weight at piece counting (Laboratory)	20 mg
Minimum piece weight	200 mg

Optional Services	
DAkkS Calibration	963-127

Functions

Standard



Option

