KERN EW 420-3NM

The classic balance with robust tuning fork measuring system



Article codes, product groups & Status information	
Model article-code	EW 420-3NM
Model-Serie	EW
Assortment	Scales
Product Type	Laboratory balances
Product group	Precision balances
Product usage type	Main article
EAN code (Model)	4045761028784
Planned start date	2004-1HJ
Customs tariff number	90160010
CE Label	Yes
Country of Origin	JP

Technical data - Primary	
Weighing capacity	420 g
Readability	0,001 g
Repeatability	0,001 g
Linearity	± 0,003 g
Minimum piece weight	10 mg
Weighing surface (d)	118 mm

Technical data - Construction	
Dimension housing (W×D×H)	180×235×75 mm
Bubble Level	Yes
Material weighing plate	Stainless steel
Revolving screw feet	Yes
Casing material	Plastic
Weighing surface (d)	118 mm
Dimensions of weighing plate (diameter)	118 mm
Material draft shield	Plastic

Technical data - Display	
Display height	17 mm
Backlight	Yes

Technical data - Power supply	
Mains adapter/adapter included	AUS;CH;EURO;UK;US
Charging time	12 h
Input Voltage	220 V - 240 V AC, 50 Hz
Rechargeable battery	Rchrg. battery optional (factory)
Interfaces	RS-232 standard

Technical data - Measuring system	
Calibration method	Adjusting with external weight
Linearity	± 0,003 g
Minimum weight (USP)	2 g
Readability	0,001 g
Recommended adjusting weight	200 g (E2); 200 g (E2)
Repeatability	0,001 g
Stabilisation time under laboratory conditions	2 s
Warm up time	4 h

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Technical data - Environmental conditions	
Maximum humidity	80 %
Maximum operating temperature	30 °C
Minimum ambient temperature	10 °C

Technical data - Packing & Shipping	
Dimensions packaging (W×D×H)	400×325×220 mm
Gross weight	3,0 kg
Net weight	1,4 kg
Shipping method	Parcel service
Packaging component - by weight - paper	165 g
Packaging component - by weight - cardboard	905 g
Packaging component - by weight - plastics	30 g
Packaging component - by weight - styrofoam	0 g
Packaging component - by weight - wood	0 g
Packaging component - by weight - foam	100 g
Delivery time	1 d

Technical data - Counting data	
Counting resolution	420.000
Mininum piece weight at piece counting (Laboratory)	1 mg
Minimum piece weight	10 mg

Technical data - Illumination	
Draft shield optionally available	Yes

Technical data - Moisture analyzing	
Draft shield optionally available	Yes

Optional Services	
DAkkS Calibration	963-127

Functions

Standard



Option



Factory

