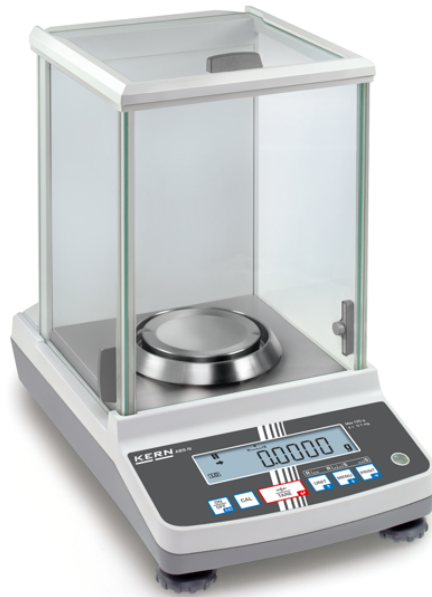


# KERN ABJ 220-4NM

The bestseller in analytical balances, with high-quality single-cell weighing system

# KERN®



## Article codes, product groups & Status information

Model article-code	ABJ 220-4NM
Model-Serie	ABJ
Assortment	KERN
Product Type	Laboratory balances
Product group	Analytical balances
Product usage type	Main article
EAN code (Model)	4045761145337
Successor Model	ACJ 200-4M
Planned start date	2012-2HJ
Customs tariff number	90160010
Product status	Yes

## Technical data - Primary

Weighing capacity	220 g
Readability	0.0001 g
Repeatability	0.0002 g
Linearity	± 0.0003 g

## Technical data - Construction

Dimensions draft shield, inner (W×D×H)	201×220×256 mm
Dimensions draft shield, outer (W×D×H)	213×333×338 mm
Bubble Level	Yes
Material weighing plate	Stainless steel

Revolving screw feet	Yes
Casing material	Cast aluminium, plastic
Weighing space (W×D×H)	174×162×227 mm

## Technical data - Display

Display height	14 mm
Backlight	No

## Technical data - Power supply

Mains adapter/adapter included	AUS;CH;EURO;UK;US
Input Voltage	110 V - 230 V AC
Mains adapter	Power supply unit

## Technical data - Measuring system

Calibration method	Internal calibration (automatic); Adjusting with internal weight (manual)
Linearity	± 0.0003 g
Minimum weight (USP)	400 mg
Readability	0.0001 g
Repeatability	0.0002 g
Stabilisation time under laboratory conditions	3 s
Warm up time	8 h
Weighing system	Single-Cell
Weighing units	Ct;g;mg
Carat - max capacity	1100 ct

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Carat - readout	0.001 ct
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## Technical data - Environmental conditions

Maximum humidity	85 %
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Maximum operating temperature	30 °C
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Minimum ambient temperature	10 °C
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Minimum humidity	20 %
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## Technical data - Packing & Shipping

Dimensions packaging (WxDxH)	390x560x520 mm
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Gross weight	10 kg
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Net weight	7 kg
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Shipping method	Parcel service
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Packaging component - by weight - paper	165 g
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Packaging component - by weight - cardboard	1805 g
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Packaging component - by weight - plastics	30 g
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Packaging component - by weight - glass	0 g
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Packaging component - by weight - wood	0 g
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Packaging component - by weight - foam	100 g
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Delivery time	1 d
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## Technical data - Counting data

Counting resolution	220000
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Minimum piece weight at piece counting (Laboratory)	1 mg
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Minimum piece weight	10 mg
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## Technical data - Verification

Verification approval conforming to 2014/31/EU	Yes
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## Optional Services

DAkkS Calibration	963-101
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## Functions