Laboratory

ABS • ABJ

Analytical Balance

KERN
WAAGEN · GEWICHTE · BALANCES · WEIGHTS

KERN ABS·ABJ

First-class standard for small budgets, with EC-Type Approval (M)

Delivery 1 day

3 Years warranty

Force compensation

FACTORY OPTION
Verification +7 days — ABJ only

OPTION
DKD Certificate +3 days

Carat switch-over from **g** to **ct** is possible.

Model KERN	d ct	Max ct
ABJ 80-4M	0,001	415
ABJ 120-4M	0,001	600
ABJ 220-4M	0,001	1100
ABJ 320-4	0,001	1600

The carat display is also verifiable.

STANDARD
ABJ only — CAL INT
ABS only — CAL EXT
PCS
PC RS 232
only with printer ① — GLP
%
UNIT
230 V

Set for density determination of liquids and solids, KERN ABS-A02

Metal housing robust and sturdy

Large LCD Display digit height 14 mm

Standard printer KERN YKB-01N

Identification number 4 numeric positions, 2 key programming method

Capacity display an ascending bar graph displays the remaining available weighing range

① **Statistics printer** KERN YKT-01
For all printers see page 109

Technical Data:

Overall dimensions WxDxH 225x315x330 mm
Weighing space WxDxH 190x155x225 mm
Net weight approx. 7 kg
Permissible ambient temperature +10 … +30 °C
UNITS Further weighing units: see the internet

* No EC-Type Approval

! Verification at the factory, we need to know the full address of the location of use.

Model KERN	Weighing range Max g	Read-out d mg	Verific. value e mg	Min. load Min mg	Repro-duci-bility mg	Linea-rity mg	OPTIONS alternative Verifi-cation KERN	Certifi-cate KERN DKD
ABS 80-4	83	0,1	–	–	0,1	± 0,2	–	963-101
ABS 120-4	120	0,1	–	–	0,1	± 0,2	–	963-101
ABS 220-4	220	0,1	–	–	0,1	± 0,2	–	963-101
For applications that require verification, please order verification at the same time, initial verification at a later date is not possible.								
ABJ 80-4M	83	0,1	1	10	0,1	± 0,2	950-101	963-101
ABJ 120-4M	120	0,1	1	10	0,1	± 0,2	950-101	963-101
ABJ 220-4M	220	0,1	1	10	0,1	± 0,2	950-101	963-101
ABJ 320-4*	320	0,1	1	10	0,1	± 0,2	–	963-101

Internal adjusting (CAL): Quick setting of the balance's accuracy with internal adjusting weight (motor-driven).

Adjusting program (CAL): For quick setting of the balance's accuracy. External adjusting weight required.

Piece counting: Reference quantities selectable. Display can be switched from piece to weight.

Data interface: The type of interface is shown by the pictogram. For a definition, see glossary.

GLP/ISO record keeping of weighing data with date, time and ident.-no. Only with printers from KERN.

Percentage determination: Displays the deviation from the reference weight (100%) in % instead of grams.

Weighing units: can be switched to e.g. non-metric units at the touch of a key. See balance model.

Mains adapter: 230 V/50Hz in standard version for Germany. On request GB, AUS or USA version.

Order Hotline: Go to back page of catalogue

KERN – Your DKD-Calibration Partner

issues DKD calibration certificates for balances and test weights in its own accredited laboratories. It is internationally valid.

KERN is a manufacturer of test weights in the international classes of accuracy **E1, E2, F1, F2, M1, M2, M3, from 1 mg up to 2000 kg**

DKD = German Calibration Service

Your KERN specialist dealer

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