



Standard



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 page 85.



GLP/ISO record keeping of weighing data with date, time and ident.-no. Only with printers from KERN, see page 85.



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.

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First-class standard
for small budgets

KERN ABS•ABJ
Analytical balance



OPTION



Price reduction

- STANDARD
- only ABJ
- only ABS
-
-
- only with printer
- only ABS
-

Metal housing
robust and sturdy



Carat switch-over
from g to ct is possible.

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

The carat display is also verifiable.

Large LCD Display
digit height 14 mm

Statistics printer
KERN YKT-01

Standard printer
KERN YKB-01
For all printers see page 85

Capacity display

an ascending bar graph displays the remaining available weighing range

Identification number

4 numeric positions, 2 key programming method

Model	Weighing range	Read-out	Verific. value	Min. load	Repro-ducibility	Linearity	OPTIONS alternative			
							Verific. 950-xxx	Certificate 963-xxx	Test weight for balance	Certificate 962-xxx
ABS 80-4	83	0,1	-	-	0,1	± 0,2	-	-101	1706	-336
ABS 120-4	120	0,1	-	-	0,1	± 0,2	-	-101	1707	-337
ABS 220-4	220	0,1	-	-	0,1	± 0,2	-	-101	1708	-338
Verifiable							1 Factory verification			
ABJ 80-4M	83	0,1	1	10	0,1	± 0,2	-101	1	-101	-
ABJ 120-4M	120	0,1	1	10	0,1	± 0,2	-101	1	-101	-
ABJ 220-4M	220	0,1	1	10	0,1	± 0,2	-101	1	-101	-

1 Factory Verification, location of use with post code required.
Overall dimensions WxDxH 225x315x330 mm.
Weighing space WxDxH 190x155x225 mm. Net weight approx. 7 kg.

Permitted environmental temperature +10 ... +30 °C.
PCS Piece counting with reference quantities of 10, 20, 50, 100 pcs.
UNITS Further weighing units: see the internet.

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