

Labor

ABS • ABJ

Analytical balance

DIRECT SCALE
www.direct-scale.com



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 88.
- GLP/ISO record keeping** of weighing data with date, time and ident.-no. Only with printers from KERN, see page 88.
- 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

**First-class standard
for small budgets**

**KERN ABS • ABJ
Analytical balance**

Delivery 1 day

3 Years Warranty

OPTION
 Verification +7 days only ABJ

DKD Certificate +4 days

Price reduction



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

Large LCD Display
digit height 14 mm

Metal housing
robust and sturdy

Carat switch-over
from g to ct is possible.

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

The carat display can also be verified.

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

Identification number
4 numeric positions, 2 key programming method

Statistics printer
KERN YKT-01

Standard printer
KERN YKB-01
For all printers see page 88

Model KERN	Weighing range		Read out d	Verific. value e	Min. load mg	Repro-ducibility mg	Linearity mg	OPTION alternative			
	Max	g						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								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	-	

Factory Verification, location of use with post 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

