












Standard

-  **Internal adjusting (CAL):** Quick setting of the balance's accuracy with internal adjusting weight (motor-driven).
-  **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.
-  **Net-total weighing:** weight of tare cup and weight of components memorized in two separate stores.
-  **Percentage determination:** Displays the deviation from the reference weight (100%) in % instead of grams.
-  **Suspended weighing:** load support with hook on the underside of the balance.
-  **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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The premium model with
single-cell weighing system

KERN ABT
Analytical balance

-  Delivery 1 day
-  3 Years Warranty
-  Single cell

- OPTION
-  Verification +7 days
 -  DKD Certificate +4 days



Set for density determination of liquids and solids, density is indicated directly on the display, KERN ABT-A01



GLP capable through date and time in the balance



Automatic internal adjustment CAL Time-controlled or on variations in temperature

Large LCD Display digit height 14 mm and capacity display

Automatic Data output to the PC/printer every time the balance is stable

Single-cell advanced technology
Fully automatic manufactured weighing cell from one piece of material.
✓ Stable temperature relationship
✓ Short stabilisation time: 3 sec* for models with readout of 0.1 mg
✓ Shock proof construction
✓ High corner load performance

Dosing assistance
High-stability mode and other filter settings can be selected



Simple recipe-weighing/documentation with a combined tare/print function. In addition, the mixing ingredients for the recipe are numbered automatically and printed out with its corresponding number and weight value

Identification number of balance is printed on calibration protocol



Standard printer KERN YKB-01

Statistics printer KERN YKT-01

For all printers see page 88

Model KERN	Weighing range Max g	Read-out d mg	Verif. value e mg	Min. load Min mg	Reproducibility mg	Linearity mg	OPTION alternative		
							Verifica- tion KERN	M I	Certi- cate KERN
ABT 120-4M	120	0,1	1	10	0,1	± 0,2	950-101 1		963-101
ABT 220-4M	220	0,1	1	10	0,1	± 0,2	950-101 1		963-101
ABT 320-4M	320	0,1	1	10	0,1	± 0,2	950-101 1		963-101
ABT 120-5DM	42	0,01	1	1	0,02	± 0,03	950-101 1		963-101
	120	0,1			0,1	± 0,2			
ABT 220-5DM	82	0,01	1	1	0,05	± 0,1	950-101 1		963-101
	220	0,1			0,1	± 0,2			

1 Factory verification, location of use with post code required.
Overall dimensions WxDxH 217x356x338 mm.
Weighing space WxDxH 168x172x223 mm.

Permitted environmental temperature + 10 ... +30 °C.
Net weight approx. 7 kg.
* Stabilisation time under laboratory conditions. **33**

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



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