









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



**OPTION**



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

**Identification number** of balance is printed on calibration protocol



**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 behaviour  
✓ 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 and documenting**

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

**Pipette calibration**


Our package solution for the control of measuring equipment in accordance with ISO 9000 and GLP (Good Laboratory Practice). Good package price: KERN ABT 220-5DM balance and EASYCAL 4.0 test software, **KERN ABT-P01**



**Standard printer**  
**KERN YKB-01**

**STANDARD**



Model KERN	Weighing range Max g	Read-out d mg	Verific. value e mg	Min. load Min mg	Repro-ducibility mg	Linearity mg	OPTIONS alternative		
							Veri-fication KERN	M I	Certi-ficate KERN
 ABT 120-4M	120	0,1	1	10	0,1	± 0,2	950-101 I		963-101
ABT 220-4M	220	0,1	1	10	0,1	± 0,2	950-101 I		963-101
ABT 320-4M	320	0,1	1	10	0,1	± 0,2	950-101 I		963-101
ABT 120-5DM	42	0,01	1	1	0,02	± 0,03	950-101 I		963-101
	120	0,1			0,1	± 0,2			
ABT 220-5DM	82	0,01	1	1	0,05	± 0,1	950-101 I		963-101
	220	0,1			0,1	± 0,2			

**I 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.

### 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