



KERN ABT The premium model with single-cell weighing system



Delivery
1 day

3
Years warranty

Single Cell

FACTORY OPTION

Verification
+7 days

OPTION DKD
Certificate
+3 days



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

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

Automatic internal adjustment CAL
Time-controlled $\geq 5^\circ\text{C}$ or variations in temperature all 4 hours

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

Single-cell advanced technology

- Fully automatic manufactured weighing cell (s. page 31) from one piece of material.
- ✓ Stable temperature behaviour
- ✓ Short stabilisation time: 3 sec (Stabilisation time under laboratory conditions) for models with read-out of 0.1 mg
- ✓ Shock proof construction
- ✓ High corner load performance

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

Simple totalling of individual weighing

Standard printer
KERN YKB-01N

Statistics printer
KERN YKT-01
For all printers see page 94

Technical Data:
Overall dimensions WxDxH 217x356x338 mm
Weighing space WxDxH 168x172x223 mm
Net weight approx. 7 kg
Permitted environmental temperature +10...+30 °C

- STANDARD
- CAL INT
 - PCS
 - PC RS 232
 - GLP
 - REZ
 - %
 - U
 - UNIT
 - 230

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

For applications that require verification, please order verification at the same time, initial verification at a later date is not possible.

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

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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

