

KERN AES-AEJ Compact high-end analytical balance



- STANDARD**
- AEJ only
 - AEJ only
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 - 2 items
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Compact housing with anti-static plastic draught shield with 3 sliding doors for easy access to the goods to be weighed

Short stabilisation time
Steady weight values within approx. 4 sec under laboratory conditions

Backlit LCD display
with digit height 17 mm

Standard printer
KERN YKB-01N

For all printers see page 109

Technical Data:

Overall dimensions
WxDxH 213x290x314 mm

Weighing space WxDxH
178x170x209 mm

Net weight approx 7 kg

Permissible ambient temperature +15 ... +30 °C

UNITS Further weighing units: see the internet

- 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 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.
- Weighing units:** can be switched to e.g. non-metric units at the touch of a key. See balance model.
- Weighing with tolerance range:** Upper and lower limiting can be programmed individually, e.g. dosing / sorting.
- Suspended weighing:** load support with hook on the underside of the balance.
- Mains adapter:** 230 V/50Hz in standard version for Germany. On request GB, AUS or USA version.



Set for density determination of solids with density ≥ 1 and liquids. The density is indicated directly in the display, for details see page 110, **KERN AES-A01**

Ergonomically optimised keypad for left and right-handed users

Automatic internal adjustment in the case of a change in temperature $\geq 5^\circ\text{C}$ or time-controlled every 4 hours

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

GLP/ISO record keeping of weight values with date, time and serial number

! Verification at the factory, we need to know the full address of the location of use.

Modell KERN	Weighing range Max g	Read-out d g	Verific. value e g	Min. load Min g	Reproducibility g	Linearity mg	Verification KERN	OPTIONS alternative		
								M	I	DKD Certificate
AES 120-4	120	0,1	-	-	0,1	$\pm 0,3$	-	-	963-101	
AES 220-4	220	0,1	-	-	0,1	$\pm 0,3$	-	-	963-101	
For applications that require verification, please order verification at the same time, initial verification at a later date is not possible.										
A EJ 120-4M	120	0,1	1	10	0,1	$\pm 0,3$	950-101	-	963-101	
A EJ 220-4M	220	0,1	1	10	0,1	$\pm 0,3$	950-101	-	963-101	

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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