

Analytical balance Kern mod. ACJ 100-4M

The best-selling analytical balance, with advanced single-cell weighing system, optionally with approval

KERN ACJ: Internal automatic adjustment with temperature changes $\geq 2^\circ\text{C}$ or chronological command every 4 h which guarantees high precision and guarantees operation regardless of the place of installation

KERN ACS: Calibration program CAL Calibration program CAL for recording the accuracy with an external calibration weight (not included in the delivery).

Dosing support: High stability mode and other selectable filter settings

Convenient for the composition of mixtures with documentation and combined tare / print function

The components of the mixture are also numbered automatically and printed with the respective number / weight value

Automatic data output on printer / PC with stable weight

4-digit, freely programmable identification code is printed in the adjustment log

Rigid protective cover included in the supply



Technical data

- Large backlit LCD display, digit height 14 mm
- Weighing surface dimensions, stainless steel, $\approx 91\text{ mm}$
- Scale dimensions (including wind shield) $W \times D \times H\ 210 \times 340 \times 325\text{ mm}$
- Weighing chamber $W \times D \times H\ 174 \times 162 \times 227\text{ mm}$
- Permissible ambient temperature $10^\circ\text{C} / 30^\circ\text{C}$
- Net weight 6 Kg
- **Standard data interface RS-232**
- USB port

Leading Single-Cell Technology:

Automatic production of the load cell from a single unit Stable reaction to temperature changes Short stabilization interval: stable weighing values in just about 3 s under laboratory conditions High mechanical strength High safety in cases of decentralized loading

Optional accessories

- Protective hard cover, supply 5 pcs, KERN ACS-A02S05
- Ionizer to neutralize electrostatic charge, KERN YBI-01A
- Weighing table to absorb shocks and vibrations, which could otherwise falsify the weighing result, KERN YPS-03
- Minimum weight, smallest weight to be weighed, depending on the desired process accuracy, only in conjunction with the DAkkS calibration certificate, KERN 969-103

- Set for density determination of liquids and solids with density $\leq / \geq 1$, density displayed directly on the display, KERN YDB-03
- Appliance qualification: concept of regulatory compliant qualification, which includes the following services of validation, installation qualification (IQ), operation qualification (OQ)

Available on request:

- K3963101 DAkkS certificate

NB. For use with an approval requirement, please order the approval together with the balance; it is not possible to carry out a first homologation after purchase.

Code	Description	Max flow rate g	Division mg	Approved division mg	Min load mg	Reproduc. mg	Linearity mg	Homolog. KERN	Cert. DAkkS
K3ACJ104	Analytical balance Kern mod. ACJ 100-4M	120	0,1	1	10	0,2	±0,3	965-201	963-101