



**Note:** For weighings where verification is mandatory, and which are to be analysed and processed by a PC, the legislative body requires electronic archiving using a verifiable, non-manipulatable data memory (alibi memory).

## Compact high-end analytical balance with useful pipette calibration program and alibi memory

### Features

- **only AEJ-CM: Automatic internal adjustment** in the case of a change in temperature > 0,8 °C and time-controlled every 3 hours
- **Intuitive pipette calibration function** to ensure data integrity and to minimise the risks in the daily work with your pipettes
- Higher weighing speed by switching off the last digit
- **Modern all glass draught shield** for ideal visibility of the weighing object
- **Dispensing mode:** By pressing one key you can set all relevant parameters for dispensing
- **Alibi memory:** Paperless archiving of up to 100,000 weighing results.

- **Internal memory** for up to 999 weighing results, 1000 items or recipe ingredients, 100 container weights, 100 users

### Technical data

- Large backlit LCD display, digit height 17 mm
- Dimensions of weighing plate, stainless steel, Ø 85 mm
- Overall dimensions WxDxH 206x335x335 mm
- Weighing space WxDxH 168x160x225 mm
- Net weight approx. 5,4 kg
- Permissible ambient temperature 18 °C / 30 °C

### Accessories

- **Protective working cover**, standard, can be retrofitted, KERN ALS-A02
- **Set for density determination** of liquids and solids with density  $\leq/\geq 1$ , for details see page 161. Step-by-step user guidance and calculated density shown immediately on the display, KERN YDB-03
- **Ioniser** to neutralise electrostatic charge, see page 162, KERN YBI-01
- **Weighing table** to absorb vibrations and oscillations, which would otherwise distort the weighing result, KERN YPS-03
- **Suitable printers**

STANDARD



OPTION



FACTORY



| Model   | Weighing range [Max] g | Readout [d] mg | Verification value [e] mg | Minimum load [Min] mg | Reproducibility mg | Linearity mg | Price excl. of VAT ex works € | Options      |   |                           |   |
|---|------------------------|----------------|---------------------------|-----------------------|--------------------|--------------|-------------------------------|--------------|---|---------------------------|---|
|   |                        |                |                           |                       |                    |              |                               | Verification |   | DAkkS Calibr. Certificate |   |
| KERN  |                        |                |                           |                       |                    |              |                               |              | € | DAkkS KERN                | € |
| AES 100-4C  | 160                    | 0,1            | -                         | -                     | 0,2                | ± 0,2        |                               | -            | - |                           |   |
| AES 200-4C  | 220                    | 0,1            | -                         | -                     | 0,2                | ± 0,2        |                               | -            | - |                           |   |
| Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible. Verification at the factory, we need to know the full address of the location of use. |                        |                |                           |                       |                    |              |                               |              |   |                           |   |
| AEJ 200-5CM   | 80   220               | 0,01   0,1     | 1   1                     | 1                     | 0,04   0,1         | ± 0,1   0,2  |                               | 965-201      |   | 963-101                   |   |
| AEJ 100-4CM   | 160                    | 0,1            | 1                         | 10                    | 0,2                | ± 0,3        |                               | 965-201      |   | 963-101                   |   |
| AEJ 200-4CM   | 220                    | 0,1            | 1                         | 10                    | 0,2                | ± 0,3        |                               | 965-201      |   | 963-101                   |   |