



4

The premium model with single-cell weighing system

Features

- Automatic internal adjustment in the case of a change in temperature $\geq 0,5\text{ }^{\circ}\text{C}$ or timecontrolled every 4 h, guarantees high degree of accuracy and makes the balance independent of its location of use
- Dosage aid: High stability mode and other filter settings can be selected
- Simple recipe weighing and documenting with a combined tare/print function. In addition, the ingredients for the recipe are numbered automatically and printed out with their corresponding number and nominal weight
- Identification number: 4 digits, printed on calibration protocol freely programmable
- Printout of a GLP-compliant calibration report conveniently at the touch of a button
- Automatic data output to the PC/printer each time the balance is steady

- Large glass draught shield with 3 sliding doors for easy access to the items being weighed.
- Protective working cover included with delivery

Technical data

- Large LCD display, digit height 14 mm
- Dimensions weighing surface \varnothing 80 mm, stainless steel
- Weighing space WxDxH 168x172x223 mm
- Overall dimensions WxDxH 217x356x338 mm
- Net weight approx. 7 kg
- Permissible ambient temperature $10\text{ }^{\circ}\text{C}/30\text{ }^{\circ}\text{C}$

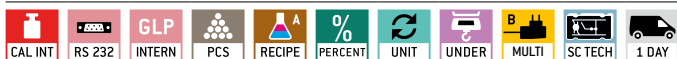
Single-cell advanced technology:

- Fully automatic manufactured weighing cell from one piece of material
- Stable temperature behaviour
- Short stabilisation time: steady weight values within approx. 4 s (models with [d] = 0,1 mg), approx. 10 s (models with [d] = 0,01 mg) under laboratory conditions
- Shock proof construction
- High corner load performance

Accessories

- Protective working cover, scope of delivery 5 items, KERN ABT-A02S05, **€ 44,-**
- **1** Set for density determination of liquids and solids with density $\leq/\geq 1$, the density is indicated directly on the display, KERN YDB-03, **€ 380,-**
- **2** Ioniser to neutralise electrostatic charge, KERN YBI-01A, **€ 1000,-**
- **3** Weighing table to absorb vibrations and oscillations, which would otherwise distort the weighing result, KERN YPS-03, **€ 1030,-**
- Minimum weight of sample, smallest weight to be weighed, depending on the required process accuracy, only in combination with a DAkkS calibration certificate, KERN 969-103, **€ 10,-**
- Equipment qualification: compliant qualification concept which includes the following validation services, Installation Qualification (IQ), Operating Qualification (OQ)
- Further details, plenty of further accessories and suitable printers see *Accessories*

STANDARD



OPTION



FACTORY



| Model | Weighing capacity [Max] g | Readability [d] mg | Verification value [e] mg | Minimal load [Min] mg | Reproducibility mg | Linearity mg | Price excl. of VAT ex works € | Options | | | |
|---|---------------------------|--------------------|---------------------------|-----------------------|--------------------|------------------|-------------------------------|-----------------------|-------|--------------------------------------|-------|
| | | | | | | | | Verification MID KERN | € | DAkkS Calibr. Certificate DAKKS KERN | € |
| ABT 100-5NM | 101 | 0,01 | 1 | 1 | 0,05 | $\pm 0,15$ | 2500,- | 965-201 | 150,- | 963-101 | 191,- |
| ABT 120-4NM | 120 | 0,1 | 1 | 10 | 0,1 | $\pm 0,2$ | 1900,- | 965-201 | 150,- | 963-101 | 191,- |
| ABT 220-4NM | 220 | 0,1 | 1 | 10 | 0,1 | $\pm 0,2$ | 2300,- | 965-201 | 150,- | 963-101 | 191,- |
| ABT 320-4NM | 320 | 0,1 | 1 | 10 | 0,1 | $\pm 0,3$ | 2600,- | 965-201 | 150,- | 963-101 | 191,- |
| Multi-range balance, with increasing load it switches automatically to the next largest weighing range [Max] and readout [d] and when the load is fully removed, the balance switches back to the lower range | | | | | | | | | | | |
| ABT 120-5DNM | 42 120 | 0,01 0,1 | 1 1 | 1 | 0,02 0,1 | $\pm 0,05 0,2$ | 2550,- | 965-201 | 150,- | 963-101 | 191,- |
| ABT 220-5DNM | 82 220 | 0,01 0,1 | 1 1 | 1 | 0,05 0,1 | $\pm 0,1 0,2$ | 2650,- | 965-201 | 150,- | 963-101 | 191,- |

Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order. The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.