The premium model with single-cell weighing system

4 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

Features

- Automatic internal adjustment in the case of a change in temperature ≥ 0,5 °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. The ingredients for the recipe are automatically numbered and printed with weight value
- 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, stainless steel, ø 80 mm
- weighing space W×D×H 168×172×223 mm
- Overall dimensions W×D×H 217×356×338 mm
- Net weight approx. 8 kg
- Permissible ambient temperature 10 °C/30 °C

Accessories

- Protective working cover, scope of delivery 5 items, KERN ABT-A02S05
- 1 Set for density determination of liquids and solids with density ≤/≥ 1, the density is indicated directly on the display, KERN YDB-03
- 2 Ioniser to neutralise electrostatic charge, KERN YBI-01A
- 3 Weighing table to absorb vibrations and oscillations, which would otherwise distort the weighing result, KERN YPS-03
- Minimum weight of sample, depending on the required process accuracy, only in combination with a DAkkS calibration certificate, KERN 969-103
- Equipment qualification: compliant qualification concept with Installation and Operating Qualification (IQ, OQ), for details see page 232
- Further details, plenty of further accessories and suitable printers see *Accessories*

STANDARD: CAL INT · RS 232 · INTERN · PCS · RECIPE · PERCENT · UNIT · UNDER · MULTI · SC TECH · 1 DAY

OPTION: DAkkS +3 DAYS

FACTORY: M +3 DAYS

Model KERN	Weighing capacity [Max] g	Readability [d] mg	Verification value [e] mg	Minimal load [Min] mg	Reproducibility mg	Linearity mg	Options: Verification MI KERN	Options: DAkkS Calibr. Certificate DAkkS KERN
ABT 100-5NM	101	0,01	1	1	0,05	± 0,15	965-201	963-101
ABT 120-4NM	120	0,1	1	10	0,1	± 0,2	965-201	963-101
ABT 220-4NM	220	0,1	1	10	0,1	± 0,2	965-201	963-101
ABT 320-4NM	320	0,1	1	10	0,15	± 0,3	965-201	963-101
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	± 0,03 | 0,2	965-201	963-101
ABT 220-5DNM	82 | 220	0,01 | 0,1	1 | 1	1	0,05 | 0,1	± 0,1 | 0,2	965-201	963-101

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.