



## 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  $\geq 0,5\text{ }^{\circ}\text{C}$  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. 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

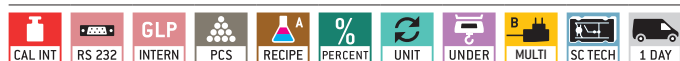
### Technical data

- Large LCD display, digit height 14 mm
- Dimensions weighing surface, stainless steel,  $\varnothing 80\text{ mm}$
- weighing space WxDxH 168x172x223 mm
- Overall dimensions WxDxH 217x356x338 mm
- Net weight approx. 8 kg
- Permissible ambient temperature 10  $^{\circ}\text{C}/30\text{ }^{\circ}\text{C}$

### Accessories

- Protective working cover, scope of delivery 5 items, KERN ABT-A02S05
- **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
- **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



#### OPTION



#### FACTORY



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