



- **3 Data interface RS-232**, interface cable included, approx. 1,5 m, KERN ACS-A01, **€ 75,-**
- **4 Set for density determination** of liquids and solids with density  $\leq/\geq 1$ , the density is indicated directly on the display, KERN YDB-03, **€ 390,-**
- **5 Ioniser** to neutralise electrostatic charge, KERN YBI-01A, **€ 930,-**
- **6 Weighing table** to absorb vibrations and oscillations, which would otherwise distort the weighing result, KERN YPS-03, **€ 900,-**
- **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,-**
- Further details, plenty of further accessories and suitable printers see *Accessories*

The bestseller in analytical balances, with high-quality single-cell weighing system, also with EC type approval [M]

**Features**

- **1 ABJ-NM: Automatic internal adjustment** in the case of a change in temperature 2 °C or timecontrolled every 4 h, guarantees high degree of accuracy and makes the balance independent of its location of use
- **2 ABS-N: Adjusting program CAL** for quick setting of the balance accuracy using an external test weight
- **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
- **Automatic data output to the PC/printer** each time the balance is steady

- **Identification number:** 4 digits, printed on calibration protocol freely programmable
- ABJ-NM has OIML certification

**Technical data**

- Large LCD display, digit height 14 mm
- Dimensions weighing surface, stainless steel,  $\varnothing$  91 mm
- Overall dimensions WxDxH 210x340x325 mm
- Weighing space WxDxH 174x162x227 mm
- Net weight approx. 6 kg
- Permissible ambient temperature 10 °C/30 °C

**Accessories**

- **Protective working cover**, standard, can be re-ordered, scope of delivery: 5 items, KERN ACS-A02S05, **€ 60,-**

- **7 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. 3 sec under laboratory conditions
  - **Shock proof construction**
  - **High corner load performance**

STANDARD: CAL INT, CAL EXT, GLP, PRINTER, PCS, RECIPE, PERCENT, UNIT, TOL, MULTI, SC TECH, 1 DAY, 3 YEARS WARRANTY

OPTION: DAkkS, RS 232, +3 DAYS

FACTORY: M, +3 DAYS, ABJ-NM

Model	Weighing range [Max] g	Readout [d] mg	Verification value [e] mg	Minimal load [Min] mg	Reproducibility mg	Linearity mg	Price € excl. of VAT ex works €	Options			
								Verification		DAkkS Calibr. Certificate	
KERN								MD KERN	€	DKD KERN	€
ABS 80-4N	82	0,1	-	-	0,2	± 0,3	970,-	-	-	963-101	138,-
ABS 120-4N	120	0,1	-	-	0,2	± 0,3	1030,-	-	-	963-101	138,-
ABS 220-4N	220	0,1	-	-	0,2	± 0,3	1070,-	-	-	963-101	138,-
ABS 320-4N	320	0,1	-	-	0,2	± 0,3	1240,-	-	-	963-101	138,-
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.											
ABJ 80-4NM	82	0,1	1	10	0,2	± 0,3	1050,-	965-201	110,-	963-101	138,-
ABJ 120-4NM	120	0,1	1	10	0,2	± 0,3	1080,-	965-201	110,-	963-101	138,-
ABJ 220-4NM	220	0,1	1	10	0,2	± 0,3	1170,-	965-201	110,-	963-101	138,-
ABJ 320-4NM	320	0,1	1	10	0,2	± 0,3	1340,-	965-201	110,-	963-101	138,-