



03

- 4 Single-cell advanced technology:
- Fully automatically manufactured weighing cell from one piece of material
 - Stable temperature behaviour
 - Short stabilisation time: 3 sec
 - Improved mechanical sturdiness
 - High corner load performance

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

Features

- only ABJ-NM: **Automatic internal adjustment** in the case of a temperature change > 2 °C and time-controlled every 4 hours
- only ABS-N: **Adjusting program CAL**, external test weights at an additional price, see page 165 ff.
- **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 weight value

- **Automatic data output** to the PC/printer each time the balance has obtained a stable weighing result
- **Identification number:** 4 digits, printed on calibration protocol freely programmable
- ABJ-NM has an OIML-Certificate

Technical data

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

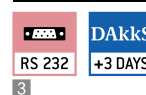
Accessories

- **Protective working cover** standard, can be retrofitted, KERN ACS-A02, € 30,-
- **Data interface RS-232** interface cable included, KERN ACS-A01, € 75,-
- **Weighing table** to absorb vibrations and oscillations, which would otherwise distort the weighing result, see page 162, KERN YPS-03, € 900,-
- **Set for density determination** of liquids and solids with density $\leq/\geq 1$, details see page 161, KERN YDB-03, € 520,-
- **Ioniser** to neutralise electrostatic charge, see page 162, KERN YBI-01, € 1350,-
- **Suitable printers** see page 157 ff.

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	
								MTI KERN	€	DAkkS KERN	€
KERN											
ABS 80-4N	82	0,1	-	-	0,2	± 0,3	850,-	-	-	963-101	138,-
ABS 120-4N	120	0,1	-	-	0,2	± 0,3	910,-	-	-	963-101	138,-
ABS 220-4N	220	0,1	-	-	0,2	± 0,3	960,-	-	-	963-101	138,-
ABS 320-4N	320	0,1	-	-	0,2	± 0,3	1130,-	-	-	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	930,-	965-201	110,-	963-101	138,-
ABJ 120-4NM	120	0,1	1	10	0,2	± 0,3	950,-	965-201	110,-	963-101	138,-
ABJ 220-4NM	220	0,1	1	10	0,2	± 0,3	1040,-	965-201	110,-	963-101	138,-
ABJ 320-4NM	320	0,1	1	10	0,2	± 0,3	1230,-	965-201	110,-	963-101	138,-

Price reduction