

Analytical balance KERN ABS-N · ABJ-NM



- 6 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

- 1 only ABJ-NM: **Automatic internal adjustment** in the case of a temperature change > 2 °C and time-controlled every 4 hours
- 2 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

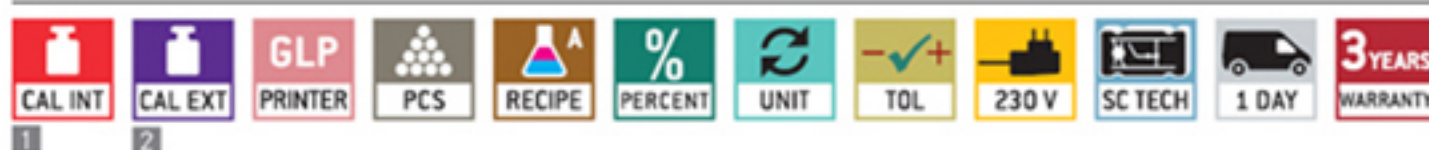
Technical data

- 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

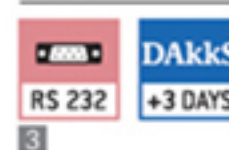
Accessories

- **Protective working cover** standard, can be retrofitted, KERN ACS-A02
- 3 **Data interface RS-232** interface cable included, KERN ACS-A01
- 4 **Weighing table** to absorb vibrations and oscillations, which would otherwise distort the weighing result, KERN YPS-03
- 5 **Set for density determination** of liquids and solids with density ≤/≥ 1, details see page 161, KERN YDB-03
- 7 **Ioniser** to neutralise electrostatic charge, KERN YBI-01
- **Suitable printers**

STANDARD



OPTION



FACTORY



Model	Weighing range [Max] g	Readout [d] mg	Verification value [e] mg	Minimum load [Min] mg	Reproducibility mg	Linearity mg	Options			
							Verification		DAkkS Calibr. Certificate	
							MT KERN			DAkkS KERN
ABS 80-4N	82	0,1	-	-	0,2	± 0,3	-	-	963-101	
ABS 120-4N	120	0,1	-	-	0,2	± 0,3	-	-	963-101	
ABS 220-4N	220	0,1	-	-	0,2	± 0,3	-	-	963-101	
ABS 320-4N	320	0,1	-	-	0,2	± 0,3	-	-	963-101	
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	965-201		963-101	
ABJ 120-4NM	120	0,1	1	10	0,2	± 0,3	965-201		963-101	
ABJ 220-4NM	220	0,1	1	10	0,2	± 0,3	965-201		963-101	
ABJ 320-4NM	320	0,1	1	10	0,2	± 0,3	965-201		963-101	