

① Electronic analytical balances KERN ABS-N / ABJ-NM

- **ABJ-NM:** Automatic internal adjustment in the case of a temperature change $\geq 2^{\circ}\text{C}$ and time-controlled every 4 hours. Ensures high accuracy independent of the location of use
- **ABS-N:** Adjusting program CAL for setting the accuracy by means of 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 has obtained a stable weighing result
- Balance identification number: 4 digits, printed on calibration protocol, freely programmable, is printed out in the adjustment log
- ABJ-NM with OIML certificate

Model	Increment mg	Weighing range g	Calibration value mg	Minimum load mg	Order No.
ABS 80-4N	0.1	82	—	—	10 58 34080
ABS 120-4N	0.1	120	—	—	10 58 34120
ABS 220-4N	0.1	220	—	—	10 58 34220
ABS 320-4N	0.1	320	—	—	10 58 34321
ABJ 80-4NM ¹⁾	0.1	82	1	10	10 58 35080
ABJ 120-4NM ¹⁾	0.1	120	1	10	10 58 35120
ABJ 220-4NM ¹⁾	0.1	220	1	10	10 58 35220
ABJ 320-4NM ¹⁾	0.1	320	1	10	10 58 35320

¹⁾ Can be verified: 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.

② Electronic analytical balances KERN ABT-NM

- Automatic internal adjustment in the case of a temperature change $\geq 0.5^{\circ}\text{C}$ and time-controlled every 4 hours. Ensures high accuracy independent of the location of use
- Dosage aid: High-stability mode and other filter settings can be selected
- Convenient 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
- Balance identification number: 4 digits, printed on calibration protocol, freely programmable, is printed out in the adjustment log
- Automatic data output to the PC/printer each time the balance has obtained a stable weighing result
- Large glass draught shield with 3 sliding doors for easy access to the items being weighed

Model	Increment mg	Weighing range g	Calibration value mg	Minimum load mg	Order No.
ABT 120-4NM ¹⁾	0.1	120	1	10	10 58 36124
ABT 220-4NM ¹⁾	0.1	220	1	10	10 58 36224
ABT 320-4NM ¹⁾	0.1	320	1	10	10 58 36324
ABT 100-5NM ¹⁾	0.01	101	1	1	10 58 36105
ABT 120-5DNM ^{1) 2)}	0.01 / 0.1	42 / 120	1	1	10 58 36125
ABT 220-5DNM ^{1) 2)}	0.01 / 0.1	82 / 220	1	1	10 58 36225

¹⁾ Can be verified: 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.

²⁾ Dual-range balances: switches automatically to the next-larger weighing range and readability.

③ Electronic analytical balances KERN ALS-A / ALJ-A / ALJ-AM

- **Kern ALJ-A/AM:** Automatic internal adjustment in the case of a change in temperature $\geq 1.2^{\circ}\text{C}$ and time-controlled every 3 hours. Ensures high accuracy independent of the location of use
- **Kern ALS-A:** Adjusting program CAL for quick setting of the balance accuracy by means of an external test weight
- Ergonomically optimised keypad for left and righthanded users
- Large glass draught shield with 3 sliding doors for easy access to the items being weighed
- Compact size, practical for small spaces
- Percentage determination: makes it possible to store a given weight value (100%) and to determine deviations from this target value

Model	Increment mg	Weighing range g	Calibration value mg	Minimum load mg	Order No.
ALS 160-4A	0.1	160	—	—	10 58 37164
ALS 250-4A	0.1	250	—	—	10 58 37254
ALJ 160-4A	0.1	160	—	—	10 58 38164
ALJ 160-4AM ¹⁾	0.1	160	1	10	10 58 38165
ALJ 250-4A	0.1	250	—	—	10 58 38254
ALJ 250-4AM ¹⁾	0.1	250	1	10	10 58 38255
ALJ 310-4A	0.1	310	—	—	10 58 38314
ALJ 500-4A	0.1	510	—	—	10 58 38504



Accessories

Article	Order No.
Standard printer KERN YKB-01N	10 58 35005
Dot matrix printer KERN YKN-01	10 58 35501
Statistics printer KERN YKS-01	10 58 35004
PC software for direct import of weighing data, KERN Balance Connection SCD-4.0	10 58 39040
RS-232 Ethernet adapter KERN YKI-01	10 58 39501
RS-232 Bluetooth adapter KERN YKI-02	10 58 39502
RS-232 WLAN adapter KERN YKI-01	10 58 39503

Further details, various accessories and suitable printers are available on request.

