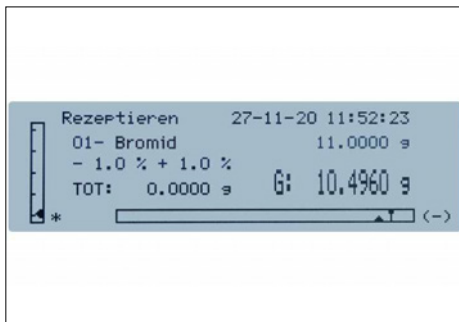


4



**KERN ALJ 200-5DA** with optional ioniser **I**, see *accessories*. High-precision semi-micro analytical balance. Thanks to its high level of precision, it is ideal for calibrating pipettes  
 Note: To prevent evaporation we recommend economical capillary tubes (see standard 8655)

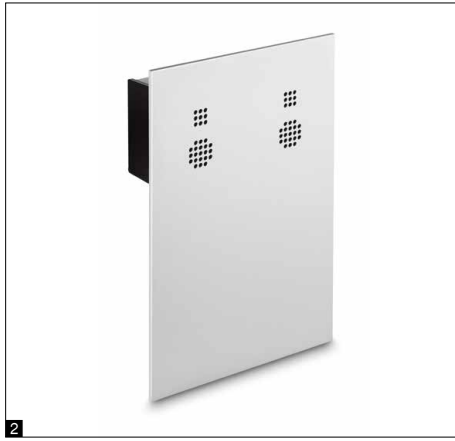
**Analytical balances with a large weighing range, graphics display and user-friendly recipe weighing function – also as single-range semi-micro balance with unbelievably high resolution**



Convenient recipe-weighing: with the recipe database, up to 99 recipes can be stored, each with up to 20 recipe ingredients with name and target value

Clear printout with date and time. In addition, the components of the mixture are numbered automatically and printed out with the name and weight

GLP/ISO record keeping: professional, detailed GLP Protocol, so that the balance is completely compliant with the relevant standard requirements in accordance with ISO, GLP and GMP



**Features**

- ALJ 210-5A: Semi-micro model with just one weighing range with unbelievably high resolution, ideal where heavy items need to be weighed with the most accurate readout across the entire weighing range. **1** Particularly advantageous: the ioniser KERN ALJ-A03 for neutralising electrostatic charge is already fitted as standard
- Rapid and efficient operation thanks to the graphics display. Simple, clear user interface on the display in the following languages: DE, EN, FR, IT, ES, PT
- KERN ALJ: Automatic internal adjustment, guarantees high degree of accuracy and makes the balance independent of its location of use
- KERN ALS: Adjusting program CAL for quick setting of the balance accuracy using an external test weight at an additional price, see *Test Weights*
- Short stabilisation time: steady weight values within approx. 4 s (Models with [d] = 0,1 mg) 10 s; 6 s (Models with [d] = 0,01 | 0,1 mg) under laboratory conditions
- Weighing with tolerance range (checkweighing): Input of an upper/lower limit value. A visual signal assists with portioning, dispensing or grading
- Dosage aid: High stability mode and other filter settings can be selected

- Internal memory for complete recipes with name and target value of the recipe ingredients. User guidance through display
- Ergonomically optimised keypad for left and righthanded users
- Large glass draught shield with 3 sliding doors for easy access to the items being weighed. Weighing space W×D×H 160×170×225 mm
- Compact size, practical for small spaces
- Protective working cover included with delivery

**Technical data**

- Backlit LCD graphic display, digit height 15 mm
- Dimensions weighing surface, stainless steel, ø 80 mm
- Overall dimensions W×D×H 210×340×330 mm
- Net weight approx. 7 kg
- Permissible ambient temperature 5 °C/35 °C

**Accessories**

- Protective working cover, scope of delivery 5 items, KERN ALJ-A01S05, **€ 44,-**
- Protective dust cover, KERN ABS-A08, **€ 32,-**
- 1** Evaporation trap, minimises faults through evaporation when using pipettes for small volumes of 10 µl to 10 ml, KERN ALJ-A02, **€ 720,-**
- 2** Draught shield rear panel with integrated ioniser to neutralise electrostatic charge. Particularly convenient handling as you no longer need a separate device. Simply enable the ionizer fan at the push of a button.. Is fitted in place of the existing glass rear panel of the draught shield. Please order at the time you order your balance, the scope of delivery is the rear panel, ionizer, Universal plug-in power supply. Factory Option, KERN ALJ-A03, **€ 620,-**
- 3** Set for density determination of liquids and solids with density ≤/≥ 1, the density is indicated directly on the display, KERN YDB-03, **€ 380,-**
- Weighing table to absorb vibrations and oscillations, which would otherwise distort the weighing result, KERN YPS-03, **€ 1030,-**
- Equipment qualification: compliant qualification concept which includes the following validation services, Installation Qualification (IQ), Operating Qualification (OQ)
- Further details, plenty of further accessories and suitable printers see *Accessories*

STANDARD

ALJ	ALS												

OPTION

+3 DAYS	ALJ-M

Model	Weighing capacity [Max] g	Readability [d] mg	Verification value [e] mg	Minimal load [Min] mg	Reproducibility mg	Linearity mg	Price excl. of VAT ex works €	Verification		Options	
								M	T	DAkks	Calibr. Certificate
<b>KERN</b>											
<b>ALS 160-4A</b>	160	0,1	-	-	0,1	± 0,3	<b>1330,-</b>	-	-	963-101	191,-
<b>ALS 250-4A</b>	250	0,1	-	-	0,1	± 0,3	<b>1380,-</b>	-	-	963-101	191,-
<b>ALJ 210-5A</b>	210	0,01	-	-	0,05	± 0,1	<b>3300,-</b>	-	-	963-101	191,-
<b>ALJ 160-4A</b>	160	0,1	-	-	0,1	± 0,3	<b>1420,-</b>	-	-	963-101	191,-
<b>ALJ 250-4A</b>	250	0,1	-	-	0,1	± 0,3	<b>1450,-</b>	-	-	963-101	191,-
<b>ALJ 310-4A</b>	310	0,1	-	-	0,1	± 0,3	<b>1500,-</b>	-	-	963-101	191,-
<b>ALJ 500-4A</b>	510	0,1	-	-	0,2	± 0,4	<b>2250,-</b>	-	-	963-101	191,-

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

<b>ALJ 200-5DA</b>	82   220	0,01   0,1	-	-	0,04   0,1	± 0,1   0,2	<b>2250,-</b>	-	-	963-101	191,-
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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.

<b>ALJ 160-4AM</b>	160	0,1	1	10	0,1	± 0,3	<b>1460,-</b>	965-201	150,-	963-101	191,-
<b>ALJ 250-4AM</b>	250	0,1	1	10	0,1	± 0,3	<b>1490,-</b>	965-201	150,-	963-101	191,-

**1** ONLY WHILE STOCKS LAST