

Analytical balances KERN ADB · ADJ



The price leader in analytical balances, with internal or external adjustment - now as version with [Max] 220 g!

Features

- ADB 200-4: Model with incredibly high resolution. Ideal if extremely precise weighing is required
- KERN ADJ: Automatic internal adjustment in the case of a change in temperature $\geq 2^\circ\text{C}$ or timecontrolled every 3 h, guarantees high degree of accuracy and makes the balance independent of its location of use
- KERN ADB: Adjusting program CAL for quick setting of the balance accuracy using an external test weight at an additional price, see *test weights*
- **1** ADJ 600-C3 / ADB 600-C3: Compact, space-saving carat balances with a readout of 0.001 ct and a weighing range of 600 ct. The high level of accuracy saves hard cash wherever you are weighing valuable precious stones
- Level indicator and levelling feet for precise levelling of the scale, fitted as standard, to give the most accurate weighing result

- Large glass draught shield with 3 sliding doors for easy access to the items being weighed standard
- Compact size, practical for small spaces
- Simple and convenient 6-key operation

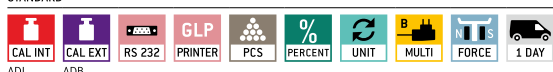
Technical data

- Large backlit LCD display, digit height 16 mm
- Dimensions weighing surface, stainless steel, $\varnothing$ 90 mm
- Overall dimensions (incl. draught shield) W×D×H
KERN ADB/ADJ: 230×310×330 mm
KERN ADB-C/ADJ-C: 230×310×210 mm
- Weighing space W×D×H
KERN ADB/ADJ: 170×160×205 mm
KERN ADB-C/ADJ-C: 170×160×110 mm
- Permissible ambient temperature $10^\circ\text{C}/30^\circ\text{C}$

Accessories

- **2** Set for density determination of liquids and solids with density ≤ 1 , the density is indicated directly on the display, KERN YDB-03
- **3** Ioniser to neutralise electrostatic charge, KERN YBI-01A
- **4** Gemstones plate, aluminium with practical spout, W×D×H 130×80×30 mm, KERN AEJ-A05
- **5** Weighing table to absorb vibrations and oscillations, which would otherwise distort the weighing result, KERN YPS-03
- 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
- Equipment qualification: compliant qualification concept which includes the following validation services, Installation Qualification (IQ), Operating Qualification (OQ)

STANDARD



OPTION



Model	Weighing capacity	Readability	Reproducibility	Linearity	Net weight	Option DAkkS Calibr. Certificate
	[Max] g	[d] mg	mg	mg	approx. kg	DAkkS KERN
KERN						
ADB 100-4	120	0,1	0,2	$\pm 0,4$	4,4	963-101
ADB 200-4	220	0,1	0,2	$\pm 0,4$	4,4	963-101
ADB 600-C3	600 ct	0,001 ct	0,002 ct	$\pm 0,004$ ct	3,8	963-101
ADJ 100-4	120	0,1	0,2	$\pm 0,4$	5	963-101
ADJ 200-4	220	0,1	0,2	$\pm 0,4$	5	963-101
ADJ 600-C3	600 ct	0,001 ct	0,002 ct	$\pm 0,004$ ct	4,5	963-101

= Carat balances