



03

The price leader in analytical balances, now also with internal adjustment

Features

- **NEW KERN ADJ: Automatic internal adjustment** in the case of a change in temperature $\geq 2\text{ }^{\circ}\text{C}$ 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
- **1** ADB/ADJ 600-C3: Compact, space-saving carat balance with a readout of 0.001 ct and a weighing capacity of 600 ct. The high level of accuracy saves hard cash wherever you are weighing valuable precious stones
- Level indicator and foot screws to level the balance precisely, fitted as standard, to give the most accurate weighing results
- **Large glass draught shield** with 3 sliding doors for easy access to the items being weighed.
- **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: 205×310×210 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 Ionizer** to neutralise electrostatic charge, KERN YBI-01A, **€ 890,-**
- **3 Precious stones plate**, aluminium with practical spout, W×D×H 83×66×23 mm, KERN AEJ-A05, **€ 40,-**
- **4 Weighing table** to absorb vibrations and oscillations, which would otherwise distort the weighing result, KERN YPS-03, **€ 970,-**
- **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, **€ 10,-**
- Further details, plenty of further accessories and suitable printers see *Accessories*

STANDARD

CAL INT

CAL EXT

RS 232

GLP

PRINTER

PCS

PERCENT

UNIT

MULTI

FORCE

1 DAY

OPTION

DAkkS

+3 DAYS

Model	Weighing capacity	Readability	Reproducibility	Linearity	Net weight	Price excl. of VAT ex works €	Option	
							DAkkS KERN	DAkkS Calibr. Certificate
	[Max] g	[d] mg	mg	mg	approx. kg			€
KERN								
ADB 100-4	120	0,1	0,2	± 0,4	4,4	620,-	963-101	138,-
ADB 200-4	210	0,1	0,2	± 0,4	4,4	640,-	963-101	138,-
ADB 600-C3	120 g 600 ct	0,1 mg 0,001 ct	0,2 mg 0,002 ct	± 0,4 mg ± 0,004 ct	3,8	610,-	963-101	138,-
ADJ 100-4	120	0,1	0,2	± 0,4	5	750,-	963-101	138,-
ADJ 200-4	210	0,1	0,2	± 0,4	5	790,-	963-101	138,-
ADJ 600-C3	120 g 600 ct	0,1 mg 0,001 ct	0,2 mg 0,002 ct	± 0,4 mg ± 0,004 ct	4,5	740,-	963-101	138,-

New model