PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

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KERN ADJ 100-4

Flexible analytical scales for reliable routine applications

ENGLISH



CONTACT

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FEATURES

- Automatic internal adjustment in the case of a change in temperature ≥ 2 °C or timecontrolled every 3 h, guarantees high degree of accuracy and makes the balance independent of its location of use
- Level indicator and levelling feet for precise levelling of the scale, fitted as standard, to give the most accurate weighing result
- Glass draught shield with 3 sliding doors for easy access to the items being weighed standard
- Simple and convenient 6-key operation

TECHNICAL DATA

- Large backlit LCD display, digit height 16 mm
- Dimensions weighing surface, stainless steel, ⌀ 90 mm
- Weighing space W×D×H 170×160×205 mm
- Overall dimensions 230×310×330 mm
- Net weight approx. 5,0 kg
- Permissible ambient temperature 10 °C/30 °C

MAIN SCOPE OF APPLICATIONS

- educational institutions
- Laboratory applications
- Quality control

PICTOGRAMS

Standard



Option



MODEL OVERVIEW

Model	Weighing capacity [Max]	Readability [d]	Reproducibility	Linearity	Dimensions weighing surface
ADJ 100-4	120 g	0,0001 g	0,0002 g	± 0,0004 g	90 mm
ADJ 600-C3	600 ct	0,001 ct	0,002 ct	± 0,004 ct	90 mm

ACCESSORIES

Model	Description
315-107-103	Safety set 315-107-103, included weight 5 g (E2); 100 g (E2)
ABP-A01	Ioniser ABP-A01
MLB-A05	RS232 interface cable MLB-A05
YBI-01A	Ioniser YBI-01A
YKC-01	Thermal printer YKC-01
YKI-10	RS232-Ethernet adapter YKI-10 (RS-232 standard, Ethernet, RS-485)
YKI-11	RS232-Ethernet adapter YKI-11 (Ethernet, RS-232 standard - 2x)
YKI-12	RS232-WiFi adapter YKI-12
YKT-01	Needle printer YKT-01
YPS-03	Antivibration table YPS-03
YPS-04	Anti-vibration plate KERN YPS-04 (400×450×60 mm, 30 kg)
YPS-05	Anti-vibration plate KERN YPS-05 (565×450×60 mm, 42 kg)

SOFTWARE

Model	Description
SCD-4.0-DL	Software SCD-4.0-DL (Scope of supplies: Download link for 1 license)
SCD-4.0-DLS05	Software SCD-4.0-DLS05 (Scope of supplies: Download link for 5 licenses)
SCD-4.0-PRO-DL	Software SCD-4.0-PRO-DL (Scope of supplies: Download link for 1 license)
SCD-4.0-PRO-DL-AS05	Software SCD-4.0-PRO-DL-AS05 (Scope of supplies: Download link for 5 licenses)

SERVICES

Model	Description
963-101	DAkkS calibration certificate 963-101
965-411	Assembly of components 965-411 (< 50kg)
969-517	Confirmation of the manufacturer’s specification (only in combination with DAkkS calibration certificate)969-517
970-104	Warranty extension (+2 years) 970-104

KERN Pictogram Overview

	Internal adjustment: Adjusting accuracy using internal adjustment weight
	Data interface RS-232: For connection to printers, PCs or other peripheral devices for data transfer over longer distances. Network in bus topology possible
	Piece counting: Reference quantities selectable. Display can be switched from piece to weight
	Percentage determination: determining the deviation in % from the target value (100 %)
	Units can be switched to e.g. non-metric units
	Universal plug-in power supply: With universal input and optional input socket adapters for EU, CH, GB or EU, CH, GB, US or EU, CH, GB, US, AUS
	Weighing principle electromagnetic force compensation: Coil inside a permanent magnet. For the most accurate weighings
	Package shipment by courier service: The duration of internal product provision is one day
	Accredited calibration (DKD): The duration of the accredited calibration is 3 working days

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