BALANCES & TEST SERVICE 2024

School balances

School Balance KERN EHA









The compact all-round model with robust stainless steel weighing plate for use in laboratories, industries, and for teaching

Features

- Thanks to its compact, robust design, its bright display and high precision, this range is ideal for use in laboratories, quality control, production as well in schools and universities for teaching e.g. biology, chemistry and physics
- Large, shock proof weighing plate made from stainless steel, can be removed and therefore is hygienic and easy to clean
- 1 Particularly flat design
- Ergonomically-optimised key pad with large keys and a high-contrast LCD screen
- 2 Secure and non-slip positioning with rubber feet
- Level indicator and levelling feet for precise levelling of the scale, fitted as standard, to give the most accurate weighing result
- Adjusting program CAL for quick setting of the balance accuracy using an external test weight at an additional price, see *Test weights*

BATT

MULTI

DMS

1 DAY

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Technical data

- Large backlit LCD display, digit height 22 mm
- Dimensions weighing surface, stainless steel
- A Ø 105 mm

OPTION

DAkkS

+3 DAYS

- B W×D 120×120 mm, see larger picture
- Overall dimensions W×D×H 225×160×50 mm
- Optional battery operation, 2×1.5 V AA not included in scope of delivery, operating time up to 70 h
- Mains adapter external, standard
- Net weight approx. 0,50 kg
- Permissible ambient temperature 5 $^{\circ}\text{C}/\text{40}$ $^{\circ}\text{C}$

Accessories

• US-Plug, KERN YKA-40-US

Model	Weighing capacity	Readability	Reproducibility	Linearity	Weighing plate	Options DAkkS Calibr. Certificate
KERN	[Max] g	[d] g	g	g		DAkkS KERN
EHA 500-2	500	0,01	0,03 g	± 0,03	A	963-127
EHA 500-1	500	0,1	0,3 g	± 0,3	A	963-127
EHA 1000-1	1000	0,1	0,3 g	± 0,3	В	963-127
EHA 3000-1	3000	0,1	0,3 g	± 0,3	В	963-127
EHA 3000-0	3000	1	3 g	± 2	В	963-127



STANDARD

CAL EXT

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BALANCES & TEST SERVICE 2024

Interface for second

second balance

Protocol (KCP)

It is a standardized

Network interface

an Ethernet network

KERN Communication

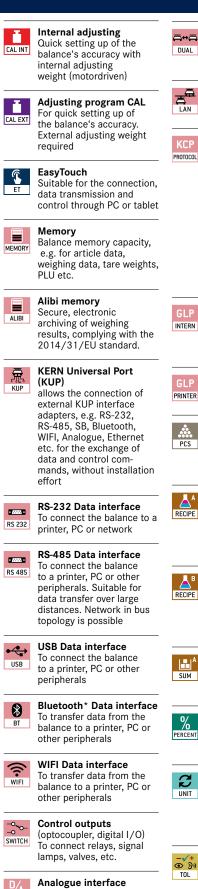
interface command set for

For direct connection of a

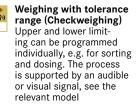
For connecting the scale to

balance

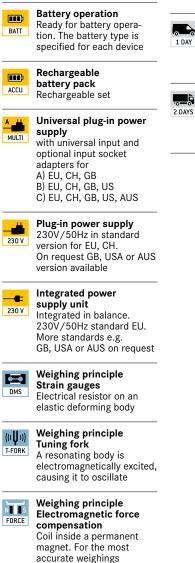
KERN Pictograms

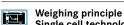












Single cell technology Advanced version of the force compensation principle with the highest level of precision

Conformity Assessment Μ The time required for +3 DAYS conformity assessment is specified in the pictogram

DAkkS calibration DAkkS

possible (DKD) The time required for DAkkS calibration is shown in days in the pictogram



+3 DAYS

Factory calibration (ISO) The time required for Factory calibration is shown in days in the pictogram

Package shipment

The time required for internal shipping preparations is shown in days in the pictogram

Pallet shipment

The time required for 2 DAYS internal shipping preparations is shown in days in the pictogram

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ANALOG

to connect a suitable

peripheral device for analogue processing of the measurements