



Standard

CAL EXT **Adjusting program (CAL):** For quick setting of the balance's accuracy. External adjusting weight required.

PCS **Piece counting:** Reference quantities selectable. Display can be switched from piece to weight.

PC IT-Net **Data interface:** The type of interface is shown by the pictogram. For a definition, see page 85.

REZ **Net-total weighing:** weight of tare cup and weight of components memorized in two separate stores.

% **Percentage determination:** Displays the deviation from the reference weight (100%) in % instead of grams.

GLP **GLP/ISO record keeping** of weighing data with date, time and ident.-no. Only with printers from KERN, see page 85.

UNIT **Weighing units:** can be switched to e.g. non-metric units at the touch of a key. See balance model.

Animal weighing program: strong vibrations are filtered out.

U **Suspended weighing:** load support with hook on the underside of the balance.

BAT **Battery operation:** The battery type is specified for each device.

230 **Mains adapter:** 230 V/50Hz in standard version for Germany. On request GB, AUS or USA version.

Option (additional price)

AKU **Rechargeable battery pack:** rechargeable set.

KERN 440 Precision balances

The bestseller in
basic laboratory balances

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STANDARD



FACTORY OPTION

AKU **Rechargeable battery pack**
internal, operating time approx. 20 h, charging time approx. 10 h, KERN FCB-A01

BAT **Battery operation possible**
Block battery (9 V) not included. AUTO-OFF function after 3 min without a change of load to preserve the battery, can be switched off

Backlit LCD display
digit height 15 mm

Protective working cover
over keyboard and housing, standard. Can be reordered

For weighing plate sizes
A: KERN 440-210-002
B: KERN 440-330-002
C: KERN 440-450-002
D: KERN 440-530-002



Delivery 1 day

2 Years warranty

OPTION DKD Certificate +4 days

Standard printer
KERN YKB-01

Label printer
with printout configuration and barcode function, KERN YKL-01

1 Statistics printer
KERN YKT-01

For all printers see page 88. Also see "Individual header data"

Data transfer
e.g. to a printer or PC

Weighing plate A
draft shield included
Ø 90 mm, height 40 mm

Model	Weighing range Max g	Read-out d g	Linearity g	Weighing plate	OPTION		
					Certificate 963-xxx DKD	Balance test weight	Certificate 962-xxx DKD
KERN 440-21N	40	0,001	± 0,003	A	-127	2945	-4A2
440-21A	60	0,001	± 0,003	A	-127	3706	-436
440-33N	200	0,01	± 0,02	B	-127	4748	-638
440-35N	400	0,01	± 0,03	B	-127	3908	-4A2
440-35A	600	0,01	± 0,03	B	-127	3709	-439
440-43N	400	0,1	± 0,2	C	-127	5948	-6A2
440-45N	1000	0,1	± 0,2	C	-127	4751	-641
440-47N	2000	0,1	± 0,2	C	-127	4752	-642
440-49N	4000	0,1	± 0,3	D	-127	3912	-4A2
440-49A	6000	0,1	± 0,3	D	-128	3713	-443
440-51N	4000	1	± 2	D	-127	5952	-6A2
440-53N	6000	1	± 2	D	-128	5686	-643
440-55N	6000	0,2	± 0,6	D	-128	3713	-443

16 Overall dimensions WxDxH 165x230x80 mm. Net weight approx. 1.3 kg. Permitted environmental temperature +5 ... +35 °C. Reproducibility 1 d (all models).

PCS piece counting with reference quantities of 5, 10, 25, 50 pcs.
UNITS Further weighing units: see the internet.

KERN - Your DKD-Calibration Partner

issues DKD calibration certificates for balances and test weights in its own accredited laboratories. It is internationally valid.

KERN is a manufacturer of test weights in the international classes of accuracy E1, E2, F1, F2, M1, M2, M3, from 1 mg up to 2000 kg
DKD = German Calibration Service



Your KERN specialist dealer