



## 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 88.

**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 88.

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

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

**Animal weighing program:** strong vibrations are filtered out.

**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



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



**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