# Labor

### Precision Balance





#### Standard



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



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



Data interface: The type of interface is shown. pictogram. For a definition, see page 88.



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.



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



**Battery operation:** 

The battery type is specified for each device.



Animal weighing program: strong vibrations are filtered out.



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

#### Option (additional price)



Rechargeable battery pack: rechargeable set.

KERN 440 Precision balances

440

The bestseller in basic laboratory balances

New models

Price reduction

Stainless steel weighing plate

Ø 81 mm A

Ø 105 mm B

illustrated, 150 x 130 mm C

Order Hotline: Go to back page of catalogue

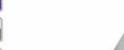
Delivery 1 day

Years warranty

OPTION DKD

+4 days







STANDARD



















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**

over keyboard and housing, standard. Can be reordered

For weighing plate sizes

A: KERN 440-210-002 B: KERN 440-330-002

KERN 440-450-002 D: KERN 440-530-002 Data transfer e.g. to a printer or PC

TARE



Ø 90 mm, height 40 mm



#### Label printer

with printout configuration and barcode function, KERN YKL-01



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

Model KERN	Weighing range Max g	Read- out d	Linea- rity g	Weigh- ing plate		OPTION	OPTION		
						Certificate  Solution  Poking  963-xxx	Balance test weight	Certificate  DKD  962-xxx	
440-21N	40	0,001	± 0,003	Α	9	-127	2945	-4A2	
440-21A 🥮	60	0,001	± 0,003	A	9	-127	3706	-436	
440-33N	200	0,01	± 0,02	В	9	-127	4748	-638	
440-35N	400	0,01	± 0,03	В	9	-127	3908	-4A2	
440-35A 🥮	600	0,01	± 0,03	В	9	-127	3709	-439	
440-43N	400	0,1	± 0,2	C	9	-127	5948	-6A2	
440-45N	1000	0,1	± 0,2	C	9	-127	4751	-641	
440-47N	2000	0,1	± 0,2	С	9	-127	4752	-642	
440-49N	4000	0,1	± 0,3	D	9	-127	3912	-4A2	
440-49A 🥮	6000	0,1	± 0,3	D	9	-128	3713	-443	
440-51N	4000	1	± 2	D	9	-127	5952	-6A2	
440-53N	6000	1	± 2	D	9	-128	5686	-643	
440-55N	6000	0,2	± 0,6	D	9	-128	3713	-443	

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** = **G**erman Calibration Service



