



KERN 440 The bestseller in basic laboratory balances



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 by the pictogram. For a definition, see glossary.



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



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.



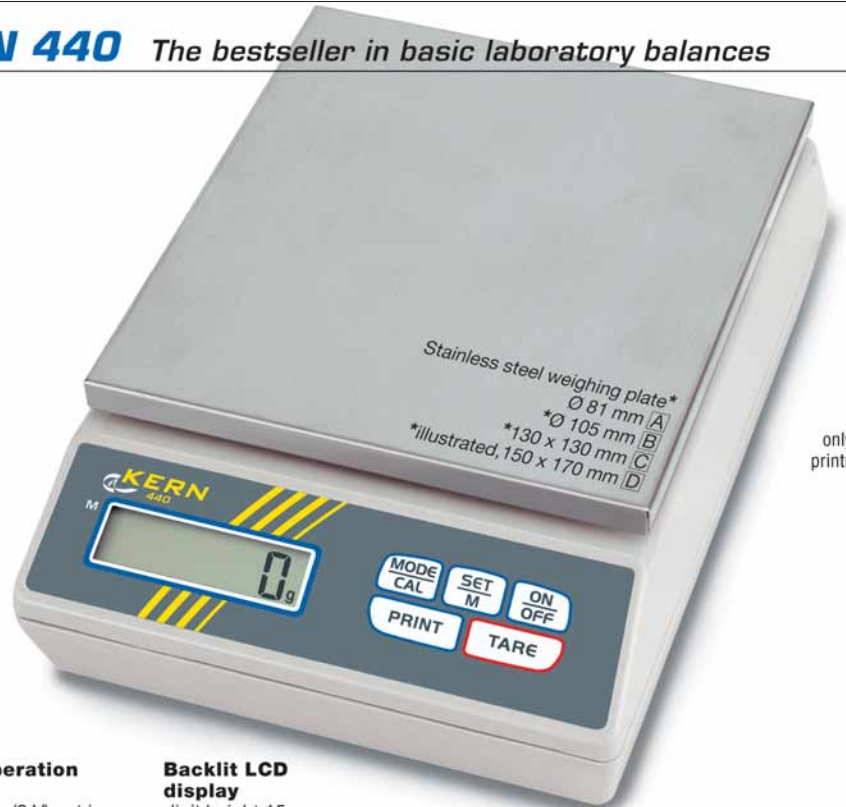
Suspended weighing: load support with hook on the underside of the balance.



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



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



STANDARD



only with printer 1



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



Weighing plate A
ring-shaped draft shield standard,
Ø 90 mm, height 40 mm

Backlit LCD display

digit height 15 mm



Rechargeable battery pack

internal, operating time approx. 20 h, charging time approx. 10 h, KERN FCB-A01

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

Standard printer

KERN YKB-01N

Label printer

with printout configuration and barcode function, KERN YKL-01

1 Statistics printer

KERN YKT-01

For all printers see page 94. Also see "Individual header data".

Data transfer
e.g. to a printer or PC

Technical Data:

Overall dimensions
WxDxH 165x230x80 mm
Net weight approx. 1,3 kg

Permitted environmental temperature +5 ... +35 °C

UNITS Further weighing units: see the internet

Model	Weighing range Max g	Read-out d g	Repro- duci- bility g	Linea- rity g	Weigh- ing plate	OPTION	
						Certifi- cate KERN	DKD
KERN 440-21N	40	0,001	0,001	± 0,003	A	963-127	
440-21A	60	0,001	0,001	± 0,003	A	963-127	
440-33N	200	0,01	0,01	± 0,02	B	963-127	
440-35N	400	0,01	0,01	± 0,03	B	963-127	
440-35A	600	0,01	0,01	± 0,03	B	963-127	
440-43N	400	0,1	0,1	± 0,2	C	963-127	
440-45N	1000	0,1	0,1	± 0,2	C	963-127	
440-47N	2000	0,1	0,1	± 0,2	C	963-127	
440-49N	4000	0,1	0,1	± 0,3	D	963-127	
440-49A	6000	0,1	0,1	± 0,3	D	963-128	
440-51N	4000	1	1	± 2	D	963-127	
440-53N	6000	1	1	± 2	D	963-128	
440-55N	6000	0,2	0,2	± 0,6	D	963-128	

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Option (additional price)



Rechargeable battery pack: rechargeable set.

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