



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:** RS 232 C, bidirectional, for connection of printer or PC.
- 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 grammes.
- GLP/ISO record keeping** of weighing data with date, time and ident.-no. Only with printers from KERN.
- UNIT:** Weighing units can be switched to e.g. non-metric units at the touch of a key. See balance model.
- Mains adapter:** 230 V / 50 Hz. Standard type D, if requested also available in standard GB, AUS or USA.

Option (additional price)

- Accu-supply:** rechargeable set.

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The economical solution
for the bargain hunter

KERN 440
Precision Balances

- Delivery 1 day
- 2 Years warranty

OPTION
DKD
Certificate
+4 days

Rechargeable battery pack external, approx. 230 h operating time, approx. 10 h charging time, KERN KS-A01

Option
DKD-Test
weight-Calibration
certificate
see. page 75,
960-477

Test-weight included
Balance test software „BalanceCal light“, see page 73, free on the KERN website

Battery operation possible
Block battery (9 V), AUTO-OFF function after 3 min without a change of load to preserve the batteries, disengageable



Back lit LCD display
Digit height 15 mm

Data transfer
For example to a printer or PC

Statistic printer
KERN YKT-01

Standard printer
KERN YKB-01
see page 72

Protective working cover
over keyboard and housing. Can be reordered at any time, for weighing plates sizes:
Ø 81 mm
KERN 440-210-002
Ø 105 mm
KERN 440-330-002
130x130 mm
KERN 440-450-002
150x170 mm
KERN 440-530-002

Weighing plate
Ø 81 mm,
draft shield standard,
Ø 90 mm, height 40 mm

Weighing plate Ø 105 mm

Weighing plate 130x130 mm

- STANDARD
- CAL EXT
 - PCS
 - RS 232
 - REZ
 - %
 - GLP
 - UNIT
 - 230V
- Only with printer ①
- OPTION
- AKU

Model	Read-out d g	Weighing range Max g	Repro-ducibility g	Linearity g	Min. piece weight at piece count. g/piece	Weighing plate stainl. steel mm	OPTION Certifi- cate KERN DKD
440-21 N	0,001	40	0,001	± 0,003	0,002	Ø 81	963-127
440-21 A	0,001	60	0,001	± 0,003	0,002	Ø 81	963-127
440-33 N	0,01	200	0,01	± 0,02	0,02	Ø 105	963-127
440-35 N	0,01	400	0,01	± 0,03	0,02	Ø 105	963-127
440-35 A	0,01	600	0,01	± 0,03	0,02	Ø 105	963-127
440-43 N	0,1	400	0,1	± 0,2	0,2	130x130	963-127
440-45 N	0,1	1000	0,1	± 0,2	0,2	130x130	963-127
440-47 N	0,1	2000	0,1	± 0,2	0,2	130x130	963-127
440-49 N	0,1	4000	0,1	± 0,3	0,2	150x170	963-127
440-49 A	0,1	6000	0,1	± 0,3	0,2	150x170	963-127
440-51 N	1	4000	1	± 2	2	150x170	963-127
440-53 N	1	6000	1	± 2	2	150x170	963-128
440-55 N	0,2	6000	0,2	± 0,6	0,4	150x170	963-128

Overall dimensions WxDxH 165x230x80 mm. Net weight approx. 1,3 kg. Permitted environmental temperature +10 ... +40 °C.

PCS piece counting with reference 10, 20, 50, n pieces.
UNITS further weighing units (only PLS): mg, ct, GN, oz, dwt, mom. **13**

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