



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 by the pictogram. For a definition, see page 85.



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, see page 85.



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.

Option (additional price)



Rechargeable battery pack: rechargeable set.

KERN PCB Precision balance

*The economical solution
for the bargain hunter*

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STANDARD



OPTION



Second display
for the table, cable length approx. 1.5 m. Including 2 data interfaces RS 232 C for data transfer to printer or PC, for details see page 89, KERN YKD-A01

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

For weighing plate sizes
A: KERN PCB-A02
B: KERN PCB-A03
C: KERN PCB-A04
D: KERN PCB-A05

*only for models without B add-on

Backlit LCD display
digit height 15 mm

only PCB ... B:
Freely programmable weighing unit
e.g. display directly in special units such as the length of thread g/m, paper weight g/m², or similar.

PRE-TARE function
for manual subtraction of a known container weight

Loop for suspended weighing, not illustrated, KERN 440-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



Rechargeable battery pack*
internal, operating time approx. 48 h, charging time approx. 8 h. AUTO-OFF function after 3 min to preserve the battery, can be switched off, KERN PCB-A01

Key pad
for models PCB ... B
Backlit LCD display digit height 9 mm



only PCB ... B:
Rechargeable battery pack
internal, operating time approx. 40 h, charging time approx. 10 h. AUTO-OFF function after 3 min to preserve the battery, can be switched off, KERN PCB-A07B

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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



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Laboratory

PCB Precision Balance



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Accessories

KERN PCB Precision balance



Weighing plate A
ring-shaped draft shield standard, Ø 90 mm, height 53 mm



Weighing plate B



Weighing plate C



The different components of a mixture can be weighed in with the formula function. The total weight of all the components can be called up for control purposes. Documentation of the mixture is possible with the standard printers KERN YKB-01 ②.



Standard printer, KERN YKB-01
For all printers see page 85.



Label printer, KERN YKL-01
with printout configuration and barcode function, See also "Individual header data"



Statistics printer, KERN YKT-01

Model	Weighing range Max g	Read-out d g	Repro-ducibility g	Linearity g	Weighing plate	OPTIONS alternative		
						Certificate 963-xxx DKD	Balance test weight	Certificate 962-xxx DKD
KERN PCB 40-3	40	0,001	0,001	± 0,003	A	-127	2945	-4A2
PCB 60-3	60	0,001	0,001	± 0,003	A	-127	3706	-436
PCB 100-3	100	0,001	0,001	± 0,003	A	-127	2767	-437
PCB 160-3	160	0,001	0,001	± 0,003	A	-127	296A	-4A2
PCB 200-3B	201	0,001	0,001	± 0,003	A	-127	2768	-438
PCB 240-3B	241	0,001	0,001	± 0,003	A	-127	2768	-438
PCB 200-2	200	0,01	0,01	± 0,02	B	-127	4748	-638
PCB 400-2	400	0,01	0,01	± 0,03	B	-127	3908	-4A2
PCB 400-1	400	0,1	0,1	± 0,2	C	-127	5948	-6A2
PCB 600-2	600	0,01	0,01	± 0,03	B	-127	3709	-439
PCB 800-2	800	0,01	0,01	± 0,03	C	-127	296E	-4A2
PCB 1000-2	1000	0,01	0,01	± 0,03	C	-127	2771	-441
PCB 1000-1	1000	0,1	0,1	± 0,2	B	-127	4751	-641
PCB 1600-2	1600	0,01	0,01	± 0,03	C	-127	297A	-4A2
PCB 2000-2B	2010	0,01	0,01	± 0,03	C	-127	2772	-442
PCB 2000-1	2000	0,1	0,1	± 0,2	C	-127	4752	-642
PCB 2400-2B	2410	0,01	0,01	± 0,03	C	-127	2772	-442
PCB 4000-1	4000	0,1	0,1	± 0,3	D	-127	3912	-4A2
PCB 4000-0	4000	1	1	± 2	D	-127	5952	-6A2
PCB 6000-1	6000	0,1	0,1	± 0,3	D	-128	3713	-443
PCB 6000-0	6000	1	1	± 2	D	-128	5686	-643
PCB 8000-1	8000	0,1	0,1	± 0,3	D	-128	297E	-4A2
PCB 10K0.05B	10100	0,05	0,05	± 0,15	C	-128	2774	-444
PCB 10000-1	10000	0,1	0,1	± 0,3	D	-128	2774	-444

Overall dimensions WxDxH 163x245x79 mm. Net weight approx. 1.1 kg.
Permitted environmental temperature +5 ... +35 °C.

KERN PCB ... B: piece counting with reference quantities of 5, 10, 25, 50 pcs.

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