



Standard

- Internal adjusting (CAL):** Quick setting of the balance's accuracy with internal adjusting weight (motor-driven).
- 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.
- GLP/ISO record keeping** of weighing data with date, time and ident.-no. Only with printers from KERN, see page 85.
- Percentage determination:** Displays the deviation from the reference weight (100%) in % instead of grams.
- Weighing units:** can be switched to e.g. non-metric units at the touch of a key. See balance model.
- Weighing with tolerance range:** Upper and lower limiting can be programmed individually, e.g. dosing / sorting.
- Suspended weighing:** load support with hook on the underside of the balance.
- Rechargeable battery pack:** rechargeable set.
- Mains adapter:** 230 V/50Hz in standard version for Germany. On request GB, AUS or USA version.

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Excellent performance for a very fair price

KERN PLS • PLJ • PLB
Precision balance

- Delivery 1 day
- 3 Years warranty
- Force compensation only PLS, PLJ
- Strain gauge only PLB
- OPTION**
- Verification +7 days only PLJ
- DKD Certificate +4 days



Set for density determination of liquids and solids with density ≥ 1 , only suitable for models with readout $d = 0.001$ g. The density is indicated directly on the display, **KERN PLS-A01**

Protective working cover standard. Can be reordered, for weighing plate sizes
A: KERN PLS-A04
B: KERN PLS-A02
C: KERN PLS-A03

Backlit LCD display
digit height 17 mm



Draft shield standard, glass with metal top for all models with weighing plate size **B**. Weighing space WxDxH 140x140x65 mm

- STANDARD**
- only PLJ **CAL INT**
- only PLB, PLS **CAL EXT**
- PCS**
- PC RS 232**
- only with printers **GLP**
- %**
- UNIT**
- only PLB **TOL**
- U**
- only PLB **AKU**
- 230**

only PLB: **Rechargeable battery pack**
internal, standard, operating time approx. 35 h, charging time approx. 8 h. AUTO-OFF after 5 min to preserve the battery

only PLB: **Weighing with tolerance range**
Input of the upper/lower limit value. A visual signal assists with the portion division, dispensing or grading

only PLJ: **Automatic internal adjustment**
Time controlled, every 3 h or in case of a change in temperature $> 3^{\circ}\text{C}$

Statistics printer
KERN YKT-01

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

Model KERN	Weighing range Max	Read-out d	Verific. value e	Repro-ducibility g	Linearity g	Weighing plate	OPTIONS alternative			
							Verific. 950-xxx	Certificate 963-xxx	Balance test weight	Certificate 962-xxx
PLB 100-3	100	0,001	-	0,002	$\pm 0,003$	A	-	-127	2767	-437
PLB 200-3	200	0,001	-	0,002	$\pm 0,003$	A	-	-127	2768	-438
PLS 360-3	360	0,001	-	0,001	$\pm 0,002$	B	-	-127	2768	-438
PLS 510-3	510	0,001	-	0,001	$\pm 0,003$	B	-	-127	1709	-339
PLB 1000-2	1000	0,01	-	0,01	$\pm 0,02$	B		-127	2771	-441
PLS 2100-2	2100	0,01	-	0,01	$\pm 0,02$	C	-	-127	2772	-442
PLB 2000-2	2000	0,01	-	0,02	$\pm 0,03$	B	-	-127	2772	-442
PLS 4000-2	4000	0,01	-	0,01	$\pm 0,03$	C	-	-127	2772	-442
PLB 10000-1	10000	0,1	-	0,1	$\pm 0,2$	C		-128	2774	-444
PLB 20000-1	20000	0,1	-	0,2	$\pm 0,3$	C	-	-127	2775	-445
Verifiable							1 Factory verification			
PLJ 360-3M	360	0,001	0,01	0,001	$\pm 0,002$	B		-116	-127	-
PLJ 510-3M	510	0,001	0,01	0,001	$\pm 0,003$	B		-116	-127	-
PLJ 2100-2M	2100	0,01	0,1	0,01	$\pm 0,02$	C		-116	-127	-
PLJ 4000-2M	4000	0,01	0,1	0,01	$\pm 0,03$	C		-116	-127	-

1 Factory verification, location of use with post code required.
Overall dimensions (without draft shield) WxDxH 206x330x98 mm.
Net weight approx. 5 kg.

Permitted environmental temperature $+15 \dots +30^{\circ}\text{C}$.
PCS piece counting with reference quantities of 10, 20, 50, n pieces.
UNITS Further weighing units (only PLB, PLS): see the internet. **23**

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