

KERN PES-PEJ Robust laboratory and industrial precision balance, with EC-Type Approval (M)

Delivery
1 day

3
Years warranty

Tuning fork principle

FACTORY OPTION

M
Verification +7 days

OPTION DKD
Certificate +3 days

* while stocks last



Metal housing
robust and sturdy

Relay output
With 5 outputs for weighing result in 3 tolerance ranges. Must be ordered at purchase, KERN PES-A02

Fluorescent display
with high contrast, digit height 13 mm

STANDARD
PEJ only



PES only



2 ports



FACTORY OPTION



CAL INT **Internal adjusting (CAL):** Quick setting of the balance's accuracy with internal adjusting weight (motor-driven).

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

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

PC IT-Net **Data interface:** The type of interface is shown by the pictogram. For a definition, see glossary.

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

REZ **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.

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

TOL **Weighing with tolerance range:** Upper and lower limiting can be programmed individually, e.g. dosing / sorting.

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

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



Protective working cover standard (not for PES 31000-1M). Can be reordered, KERN PES-A04



Weighing plate C

Draught shield standard, with removable cover with pipette opening, on all models with readout d = 0.001 g, weighing space WxDxH 170x150x100 mm

TOL **Weighing with tolerance range** (checkweighing) Input of 2 upper and 2 lower limit values through 4 arrow keys. An acoustic signal assists with the portion division, dispensing or grading

PES only: Rechargeable battery pack internal, operating time approx. 6 h, charging time approx. 15 h. Must be ordered at purchase, KERN PES-A01

Standard printer KERN YKB-01N

Label printer KERN YKL-01

Statistics printer KERN YKT-01
For all printers see p. 109

Technical Data:
Overall dimensions (without draught shield) weighing plate A, B) WxDxH 220x333x93 mm C) 260x333x110 mm

Permissible ambient temperature +10 ... +30 °C

UNITS Further weighing units: see the internet

I Verification at the factory, we need to know the full address of the location of use.

Model KERN	Weighing range Max g	Read-out d g	Verific. value e g	Repro-ducibility g	Linearity g	Net weigh approx. kg	Weighing plate	Verifi-cation KERN	OPTION M Certificate KERN	OPTION DKD Certificate KERN
PES 220-3M*	220	0,001	0,01	0,001	± 0,002	4	A	950-116 (II)	963-127	
PES 420-3M*	420	0,001	0,01	0,001	± 0,003	4	A	950-116 (II)	963-127	
PES 620-3M	620	0,001	-	0,001	± 0,003	4	A	-	963-127	
PES 2200-2M	2200	0,01	0,1	0,01	± 0,02	4	B	950-116 (II)	963-127	
PES 4200-2M	4200	0,01	0,1	0,01	± 0,02	4	B	950-116 (II)	963-127	
PES 6200-2M	6200	0,01	-	0,01	± 0,03	4	B	-	963-128	
PES 8200-1M	8200	0,1	1	0,1	± 0,2	4	B	950-117 (II)	963-128	
PES 15000-1M	15000	0,1	1	0,1	± 0,2	4	B	950-117 (II)	963-128	
PES 31000-1M	31000	0,1	1	0,1	± 0,4	8,9	C	950-117 (II)	963-128	
CAL INT For applications that require verification, please order verification at the same time, initial verification at a later date is not possible.										
PEJ 220-3M*	220	0,001	0,01	0,001	± 0,002	6	A	950-116 (II)	963-127	
PEJ 420-3M*	420	0,001	0,01	0,001	± 0,003	6	A	950-116 (II)	963-127	
PEJ 620-3M	620	0,001	0,01	0,001	± 0,003	6	A	950-101 (I)	963-101	
PEJ 2200-2M	2200	0,01	0,1	0,01	± 0,02	6	B	950-116 (II)	963-127	
PEJ 4200-2M	4200	0,01	0,1	0,01	± 0,02	6	B	950-116 (II)	963-127	

Order Hotline: Go to back page of catalogue

29

Option (additional price)

AKU **Rechargeable battery pack:** rechargeable set.

PC IT-Net **Data interface:** The type of interface is shown by the pictogram. For a definition, see glossary.

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