



Multifunctional laboratory balance with single-cell weighing system and EC type approval [M]

Features

- KERN PBJ: **Internal adjustment** in the case of a change in temperature and time-controlled at defined intervals, guarantees high degree of accuracy and makes the balance independent of its location of use
- KERN PBS: **Adjusting program CAL** for quick setting of the balance accuracy using an external test weight
- **Metal housing:** robust and sturdy
- **Dosage aid:** High-stability mode and other filter settings can be selected
- **Weighing with tolerance range (check-weighing):** a visual signal helps with portioning, dispensing or grading
- **Totalising** of weights
- **Identification number:** 4 digits, printed on calibration protocol freely programmable
- **Automatic data output to the PC/printer** each time the balance is steady

- **1 Draught shield** standard for models with [d] = 0,001 g, weighing space W×D×H 180×193×87 mm
- **Protective working cover** included with delivery

Technical data

- Large backlit LCD display, digit height 14 mm
- Dimensions weighing surface, stainless steel
 - A W×D 108×105 mm
 - B W×D 180×190 mm, see larger picture
- Overall dimensions W×D×H 209×322×78 mm (without draught shield)
- Net weight approx. 3,2 kg
- Permissible ambient temperature 10 °C/30 °C

Accessories

- **Protective working cover**, scope of delivery: 5 items, for models with weighing plate size
 - A KERN PBS-A01S05, € 40,-
 - B KERN PBS-A02S05, € 40,-
- **2 Set for density determination** of liquids and solids with density ≤/≥ 1, for models with weighing plate size
 - A KERN PBS-A04, € 1600,-
 - B KERN PBS-A03, € 1600,-
- **RS-232/Ethernet adapter** for connection to an IP-based Ethernet network, KERN YKI-01, € 290,-
- Further details, plenty of further accessories and suitable printers see *Accessories*

- **3 Single-cell advanced technology:**
 - **Fully automatic manufactured weighing cell from one piece of material**
 - **Stable temperature behaviour**
 - **Short stabilisation time:** steady weight values within approx. 3 s under laboratory conditions
 - **Shock proof construction**
 - **High corner load performance**

STANDARD

CAL INT

CAL EXT

RS 232

GLP INTERN

PCS

RECIPE

PERCENT

UNIT

TOL

MOVE

UNDER

MULTI

SC TECH

PBJ PBS

OPTION

FACTORY

M

PBJ

| Model | Weighing capacity [Max] g | Readability [d] g | Verification value [e] g | Minimal load [Min] g | Linearity g | Weighing plate | Quality code | Price excl. of VAT ex works € | Option | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------|--------------------------|----------------------|-------------|----------------|--------------------|-------------------------------|----------------------|-------|---------------------------|------|
| | | | | | | | | | Verification | | DAkkS Calibr. Certificate | |
| | | | | | | | | | <div>M</div> KERN | € | DAkkS KERN | € |
| KERN | | | | | | | <div>QUALITY</div> | | | | | |
| PBS 620-3M | 620 | 0,001 | - | - | ± 0,002 | A | BC | 1370,- | - | - | 963-127 | 72,- |
| PBS 4200-2M | 4200 | 0,01 | - | - | ± 0,02 | B | BC | 1160,- | - | - | 963-127 | 72,- |
| PBS 6200-2M | 6200 | 0,01 | - | - | ± 0,02 | B | BC | 1390,- | - | - | 963-128 | 88,- |
| Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible. Verification at the factory, we need to know the full address of the location of use. | | | | | | | | | | | | |
| PBJ 620-3M | 620 | 0,001 | 0,01 | 0,1 | ± 0,002 | A | BC | 1610,- | 965-201 <div>U</div> | 110,- | 963-127 | 72,- |
| PBJ 4200-2M | 4200 | 0,01 | 0,1 | 0,5 | ± 0,02 | B | CC | 1430,- | 965-216 <div>U</div> | 66,- | 963-127 | 72,- |
| PBJ 6200-2M | 6200 | 0,01 | 0,1 | 1 | ± 0,02 | B | CC | 1730,- | 965-202 <div>U</div> | 110,- | 963-128 | 88,- |
| PBJ 8200-1M | 8200 | 0,1 | 1 | 5 | ± 0,2 | B | CC | 1420,- | 965-217 <div>U</div> | 77,- | 963-128 | 88,- |