



## Multifunctional laboratory balance with single-cell weighing system, verification optional



- 2** 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

### Features

- KERN PBS: Adjusting program CAL for quick setting of the balance accuracy, external test weights at an additional price, see test weights
- 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
- Metal housing: robust and sturdy
- Dosage aid: High stability mode and other filter settings can be selected
- Weighing with tolerance range: a visual signal helps with portioning, dispensing or grading
- Summation of weight values
- Identification number: 4 digits, printed on calibration protocol freely programmable
- Automatic data output to the PC/printer each time the balance is steady

- **A** Draught shield standard for models with weighing plate size **A**, weighing space W×D×H 180×193×87 mm, removable
- Protective working cover included with delivery

### Technical data

- Large backlit LCD display, Digit height 14 mm
- Dimensions weighing surface, stainless steel
  - A** W×D 112×112 mm
  - B** W×D 180×190 mm, see larger picture
- Overall dimensions (without draught shield) W×D×H: 210×330×70 mm
- Net weight approx. 4,2 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
  - B** KERN PBS-A02S05
- **1** Set for density determination of liquids and solids with density ≥ 1, for models with weighing plate size
  - A** KERN PBS-A04
  - B** KERN PBS-A03
- Minimum weight of sample, depending on the required process accuracy, only in combination with a DAkkS calibration certificate, KERN 969-103
- Equipment qualification: compliant qualification concept with Installation and Operating Qualification (IQ, OQ), for details see page 232
- Further details, plenty of further accessories and suitable printers see *Accessories*

### STANDARD



### OPTION



### FACTORY



Model	Weighing capacity [Max]	Readability [d]	Verification value [e]	Minimal load [Min]	Linearity	Weighing plate	Net weight	Options	
								Verification	DAkkS Calibr. Certificate
KERN	g	g	g	g	g		kg	M KERN	DAkkS KERN
PBS 620-3M	620	0,001	-	-	± 0,002	<b>A</b>	3,2	-	963-103
PBS 4200-2M	4200	0,01	-	-	± 0,02	<b>B</b>	3,2	-	963-127
PBS 6200-2M	6200	0,01	-	-	± 0,02	<b>B</b>	3,4	-	963-104

Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order. The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.

PBJ 620-3M	620	0,001	0,01	0,1	± 0,002	<b>A</b>	4,2	965-201	963-103
PBJ 4200-2M	4200	0,01	0,1	0,5	± 0,02	<b>B</b>	5,0	965-216	963-127
PBJ 6200-2M	6200	0,01	0,1	1	± 0,02	<b>B</b>	5,0	965-202	963-104
PBJ 8200-1M	8200	0,1	1	5	± 0,2	<b>B</b>	5,0	965-217	963-128