



## The new standard in the laboratory with robust tuning fork weighing system, with optional verification

### Features

- KERN PNS: Adjusting program CAL for quick setting of the balance accuracy, external test weights at an additional price, see test weights
- KERN PNJ; Automatic internal adjustment, guarantees high degree of accuracy and makes the balance independent of its location of use. Ideal for applications which require verification
- High-quality tuning fork weighing system for rapid display of the weight, very precise dispensing and a high level of mechanical robustness
- Capacity display: A bargraph display lights up to show how much of the weighing range is still available
- The automatic reference weight optimisation of reference weight gradually improves the average piece weight value
- Compact size
- Large, shock proof weighing plate made of

stainless steel

- **A** Large glass draught shield with 3 sliding doors for easy access to the items being weighed: for models with weighing plate size **A**, weighing space W×D×H 172×171×160 mm
- Protective working cover included with delivery

### Technical data

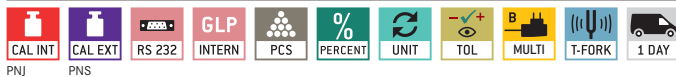
- Large LCD display, digit height 16,5 mm
- Dimensions weighing surface, stainless steel
  - A** ø 140 mm
  - B** W×D 190×190 mm, see larger picture
- Overall dimensions W×D×H
  - A** 196×293×266 mm
  - B** 196×293×89 mm

- Permissible ambient temperature 5 °C/40 °C

### Accessories

- Protective working cover, scope of delivery 5 items, KERN PNJ-A01S05
- **T** Gemstones plate, aluminium with practical spout, W×D×H 130×80×30 mm, KERN AEJ-A05
- 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 |
| <b>KERN</b>   | g                       | g               | g                      | g                  | g         |                | kg         | <b>M</b><br>KERN | <b>DAkkS</b><br>KERN      |
| <b>PNS 600-3</b>  | 620                     | 0,001           | -                      | -                  | ± 0,004   | <b>A</b>       | 2,2        | -                | 963-103                   |
| <b>PNS 3000-2</b>   | 3200                    | 0,01            | -                      | -                  | ± 0,02    | <b>B</b>       | 2,8        | -                | 963-127                   |
| <b>PNS 12000-1</b>  | 12000                   | 0,1             | -                      | -                  | ± 0,2     | <b>B</b>       | 2,8        | -                | 963-128                   |
| 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. |                         |                 |                        |                    |           |                |            |                  |                           |
| <b>PNJ 600-3M</b>   | 620                     | 0,001           | 0,01                   | 0,02               | ± 0,004   | <b>A</b>       | 4,2        | 965-216          | 963-103                   |
| <b>PNJ 3000-2M</b>  | 3200                    | 0,01            | 0,1                    | 0,5                | ± 0,02    | <b>B</b>       | 3,6        | 965-216          | 963-127                   |
| <b>PNJ 12000-1M</b>   | 12000                   | 0,1             | 1                      | 5                  | ± 0,2     | <b>B</b>       | 3,8        | 965-217          | 963-128                   |