



## 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

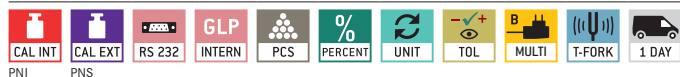
- Large LCD display, digit height 16,5 mm
- Dimensions weighing surface, stainless steel
  - A** ø 140 mm
  - B** W×D 190×190 mm, see larger picture
- Overall dimensions W×D×H
  - A** 196×293×266 mm
  - B** 196×293×89 mm

- 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>	<b>DAkkS</b>
<b>PNS 600-3</b>	620	0,001	-	-	± 0,004	<b>A</b>	2,2	KERN	KERN
<b>PNS 3000-2</b>	3200	0,01	-	-	± 0,02	<b>B</b>	2,8	-	963-103
<b>PNS 12000-1</b>	12000	0,1	-	-	± 0,2	<b>B</b>	2,8	-	963-127
									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