



KERN®

The new standard in the laboratory with robust tuning fork weighing system, also with EC type approval [M]

Features

- KERN PNS: Adjusting program CAL for quick setting of the balance accuracy using an external test weight 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 mobile applications which require verification, such as ambulatory gold and jewellery purchasing
- High-quality tuning fork measuring system for steady weight values and continuous weighing
- Capacity display: A bargraph display lights up to show how much of the weighing range is still available
- Precise counting: The automatic reference weight optimisation of reference weight gradually improves the average piece weight value
- Compact size, practical for small spaces
- 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 $\varnothing$ 140 mm, Weighing space W×D×H 172×171×160 mm
- Protective working cover included with delivery

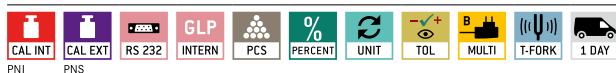
Technical data

- Large LCD display, digit height 16,5 mm
- Dimensions weighing surface, stainless steel
A $\varnothing$ 140 mm
B W×D 190×190 mm, see larger picture
- Overall dimensions W×D×H, without draught shield
A 196×293×266 mm, **B** 196×293×89 mm
- Net weight
A approx. 4,2 kg, **B** approx. 3,6 kg
- Permissible ambient temperature 5 °C/40 °C

Accessories

- Protective working cover, scope of delivery 5 items, KERN PNJ-A01S05
- RS-232/Bluetooth adapter to connect to Bluetooth capable devices, such as Bluetooth printers, tablets, laptops, smartphones, etc., KERN YKI-02
- RS-232/WiFi adapter for wireless connection to networks and WiFi capable devices, such as tablets, laptops or smartphones, KERN YKI-03
- RS-232/Ethernet adapter for connection to an IP-based Ethernet network, KERN YKI-01
- **I** Gemstones plate, aluminium with practical spout, W×D×H 130×80×30 mm, KERN AEJ-A05
- Minimum weight of sample, smallest weight to be weighed, depending on the required process accuracy, only in combination with a DAKKS calibration certificate, KERN 969-103
- Equipment qualification: compliant qualification concept which includes the following validation services, Installation Qualification (IQ), Operating Qualification (OQ)

STANDARD



OPTION



FACTORY



Model	Weighing capacity [Max]	Readability [d]	Verification value [e]	Minimal load [Min]	Linearity	Weighing plate	Verification	Option DAKKS Calibr. Certificate
KERN	g	g	g	g	g		MII KERN	DAKKS KERN
PNS 600-3	620	0,001	-	-	± 0,004	A	-	963-103
PNS 3000-2	3200	0,01	-	-	± 0,02	B	-	963-127
PNS 12000-1	12000	0,1	-	-	± 0,2	B	-	963-128
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.								
PNJ 600-3M	620	0,001	0,01	0,02	± 0,004	A	965-216	963-103
PNJ 3000-2M	3200	0,01	0,1	0,5	± 0,02	B	965-216	963-127
PNJ 12000-1M	12000	0,1	1	5	± 0,2	B	965-217	963-128