

The standard in the laboratory, ideal for a wide range of applications for Industry 4.0

Features

- KERN Universal Port (KUP): permits the connection of an external KUP interface adapter, such as, for example, RS-232, USB, Bluetooth, WiFi or Ethernet, for the exchange of data and control commands, without any installation outlay
- KERN Communication Protocol (KCP): The KCP permits searching and remote control of the balance using external control devices or computers
- For further information on KUP and KCP see page 19
- Standardised, simplified concept of operation
- PRE-TARE function for manual subtraction of a known container weight, useful for checking fill-levels
- With the recipe function you can weigh the different ingredients of a mixture. As a check, you can also call up the total weight of all the ingredients
- Weighing with tolerance range: a visual and audible signal helps with portioning, dispensing or grading
- Freely programmable weighing unit, e.g. display direct in special units such as length of thread g/m, paper weight g/m^2, or similar
- Hook for underfloor weighing included with the delivery
- Protective working cover included with delivery

KERN PCB

- A special Anti-Shock system between the weighing plate and weighing cell reduces vibrations during the weighing process and in this way ensures rapid, reliable weighing results
- A Ring-shaped draught shield standard, only for models with weighing plate size A, weighing space Ø×H 90×40 mm

KERN PCJ

- With alibi memory for paperless archiving of weighing results. This also means the results of weighings with mandatory verification can be electronically evaluated and processed further
- The balance can be adjusted in battery operation without the need for mains power
- Standardised, convenient KERN concept of operation
- Menu with a large number of settings which can be adapted to your requirements. For example, you can specify button tones, assign a button with different functions for rapid access and adapt the print protocol as necessary
- Menu block prevents access by unauthorised users
- Ideal for connection to laboratory information systems (LIMS)
- GLP/ISO record keeping of weighing data, balance adjustment, etc. with date, time and identification number
- 1 Internal adjustment using the rotary control on the side guarantees a high degree of accuracy and means it can be used in any location


A


B


C


1



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Technical data

- Backlit LCD display, digit height 21 mm
- Dimensions weighing surface
  - A ⌀ 82 mm
  - B ⌀ 105 mm
  - C W×D 130×130 mm
  - D W×D 150×170 mm, see larger picture
- Weighing plate material
  - A plastic, with conductive lacquer
  - B, C, D stainless steel

KERN PCB

- Overall dimensions (without draught shield) W×D×H 163×245×65 mm
- Optional battery operation, 4× 1.5 V AA, not included in scope of delivery, operating time up to 20 h. AUTO-OFF-function to preserve the battery
- Permissible ambient temperature -10 °C/40 °C

KERN PCJ

- Overall dimensions W×D×H 163×245×80 mm
- Battery operation, 4× 1.5 V AA standard, operating time up to 20 h
- Permissible ambient temperature 15 °C/35 °C

STANDARD



PCJ PCB PCJ PCJ PCJ PCJ

OPTION



FACTORY



PCJ

Model	Weighing capacity [Max]	Readability [d]	Verification value [e]	Minimal load [Min]	Linearity	Weighing plate	Net weight	Price excl. of VAT ex works	Options: Verification	Options: Calibr. Certificate
KERN	g	g	g	g	g		kg	€	MII KERN	DAkkS accr. KERN
PCB 200-3	200	0,001	-	-	± 0,005	A	1,00	**300,–**	-	963-127
PCB 300-3	360	0,001	-	-	± 0,005	A	0,85	**310,–**	-	963-127
PCB 300-2	300	0,01	-	-	± 0,02	B	1,2	**245,–**	-	963-127
PCB 1000-2	1200	0,01	-	-	± 0,03	C	1,2	**285,–**	-	963-127
PCB 3000-2	3600	0,01	-	-	± 0,05	C	1,6	**325,–**	-	963-127
PCB 2000-1	2000	0,1	-	-	± 0,2	C	1,4	**225,–**	-	963-127
PCB 6000-1	6000	0,1	-	-	± 0,3	D	1,6	**245,–**	-	963-128
PCB 10000-1	10000	0,1	-	-	± 0,3	D	1,4	**255,–**	-	963-128
PCB 6000-0	6000	1	-	-	± 2	D	1,6	**165,–**	-	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.										
PCJ 600-2M	600	0,01	0,1	0,5	± 0,03	C	2,0	**420,–**	965-216	963-127
PCJ 6000-1M	6000	0,1	1	5	± 0,3	D	2,8	**440,–**	965-217	963-128