IoT ready

NEXT LEVEL Easy Touch FUNCTIONS

A

B

Discover more details and matching accessories online!

All-rounder, e.g. as precision balance in the laboratory or in harsh industrial applications, ideal for the diverse possibilities of Industry 4.0 applications

Features

- Thanks to the many typical laboratory functions combined with the high level of precision, the KERN 572 is a reliable partner for day-to-day work in the laboratory
- Many typical industrial functions, such as piece-counting and vibrationfree weighing also make these balances ideal for all industrial applications, where a high level of precision is required
- 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
- Standardised, simplified concept of operation
- Freely programmable weighing unit, e.g. display direct in special units such as length of thread g/m, paper weight g/m², or similar
- The robust aluminium diecast housing maintains the stability, protects the weighing technology elements and is robust enough to cope with everyday use
- A Ring-shaped draught shield standard, only for models with weighing plate size A, weighing space ⌀×H 157×43 mm
- Level indicator to level the balance precisely
- Load support on the underside of the balance for models. Loop for underfloor weighing, standard for models with weighing plate size A
- Protective working cover included with delivery

Technical data

- Large backlit LCD display
- Dimensions weighing surface, stainless steel
  A ⌀ 106 mm
  B ⌀ 150 mm
  C W×D 160×200 mm, see larger picture
- Overall dimensions W×D×H 180×310×85 mm
- Net weight A, B approx. 2,4 kg
  C approx. 2,8 kg
- Permissible ambient temperature -10 °C/40 °C

STANDARD

A

OPTION

B C

FACTORY

Model	Weighing capacity [Max]	Readability [d]	Reproducibility	Linearity	Resolution	Weighing plate	Options Calibr. Certificate DAkkS accr. KERN
KERN	g	g	g	g	Points		
572-30	240	0,001	0,001	± 0,003	240.000	A	963-127
572-31*	300	0,001	0,002	± 0,005	300.000	A	963-127
572-32	420	0,001	0,002	± 0,005	420.000	A	963-127
572-33	1600	0,01	0,01	± 0,03	160.000	B	963-127
572-35	2400	0,01	0,01	± 0,03	240.000	B	963-127
572-37*	3000	0,01	0,02	± 0,05	300.000	B	963-127
572-39	4200	0,01	0,02	± 0,05	420.000	B	963-127
572-45	12000	0,05	0,05	± 0,15	240.000	C	963-128
572-55	20000	0,05	0,1	± 0,25	400.000	C	963-128
572-43	10000	0,1	0,1	± 0,3	100.000	C	963-128
572-49	16000	0,1	0,1	± 0,3	160.000	C	963-128
572-57	24000	0,1	0,1	± 0,3	240.000	C	963-128

! * ONLY WHILE STOCKS LAST