Precision balance KERN 572 · 573







All-rounder e.g. as laboratory, counting or checking balance, also with EC-Type Approval [M]

Features

- Robust metal housing
- Only 572: Freely programmable weighing unit (e.g. display directly in special units such as length of thread g/m, paper weight g/m², or similar)
- Weighing plate A: Ring-shaped draft shield standard. Weighing space ØxH 157x43 mm
- 1 UNITS: Further weighing units see the internet (only 572)

Options

- Protective working cover standard, can be reordered, **KERN 572-A02**
- 2 Only 572: Rechargeable battery pack external, operating time approx. 25 h, charging time approx. 10 h, **KERN KS-A01**
- 3 Large glass draught shield with 3 sliding doors for easy access to the items being weighed. Weighing space WxDxH 150x140x130 mm (only for models with weighing plate sizes A), **KERN 572-A05**
- Standard printer, **KERN YKB-01N**
- Label printer, **KERN YKL-01**
- 5 Statistics printer, **KERN YKT-01**
- 6 Statistics printer, **KERN YKS-01**

Technical data

- Large backlit LCD, digit height 18 mm
- Dimensions of weighing plate (stainless steel):
  A ø 106 mm
  B ø 150 mm
  C 160x200 mm, see larger picture
- Overall dimensions WxDxH 180x310x85 mm
- Net weight approx. 2,3 kg
- Permissible ambient temperature
  572: 10°C / 40°C
  573: 10°C / 30°C

STANDARD: CAL EXT · PCS · RS 232 · GLP PROTOCOL (5 6) · RECIPE · PERCENT · UNIT (1) · MOVE (only 572) · UNDER · 230 V · DMS

OPTION: ACCU (2)

STANDARD: 1 DAY · 3 YEARS GUARANTY

OPTION: DKD +3 DAYS

FACTORY: M +7 DAYS (only 573)

Model KERN	Weighing range [Max] g	Read-out [d] g	Verific. value [e] g	Linea-rity g	Repro-duci-bility g	Net weight approx. kg	Weighing plate		Options: Verification MII KERN		Options: DKD Calibr. Certificate DKD KERN	
572-30	241	0,001	–	± 0,003	0,001	2,3	A		–		963-127	
572-31	301	0,001	–	± 0,003	0,001	2,3	A		–		963-127	
572-32	421	0,001	–	± 0,005	0,002	2,3	A		–		963-127	
572-33	1610	0,01	–	± 0,03	0,01	2,3	B		–		963-127	
572-35	2410	0,01	–	± 0,03	0,01	2,3	B		–		963-127	
572-37	3010	0,01	–	± 0,05	0,01	2,3	B		–		963-127	
572-39	4210	0,01	–	± 0,05	0,02	2,3	B		–		963-127	
572-43	10100	0,1	–	± 0,3	0,1	2,3	C		–		963-128	
572-49	16100	0,1	–	± 0,3	0,1	2,7	C		–		963-128	
572-45	12100	0,05	–	± 0,15	0,05	2,7	C		–		963-128	
572-55	20100	0,05	–	± 0,15	0,1	2,7	C		–		963-128	
572-57	24100	0,1	–	± 0,3	0,1	2,7	C		–		963-128	
Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible. For the verification at the factory, we need to know the full address of the location of use.												
573-34NM	650	0,01	0,1	± 0,02	0,01	2,3	B		950-116		963-127	
573-36NM	2000	0,01	0,1	± 0,03	0,01	2,3	B		950-116		963-127	
573-46NM	6500	0,1	1	± 0,2	0,1	2,7	C		950-117		963-128	
573-56NM	20000	0,1	1	± 0,3	0,1	2,7	C		950-117		963-128	

KERN Pictograms

Internal adjusting (CAL): Quick setting of the balance's accuracy with internal adjusting weight (motordriven).

Adjusting program (CAL): For quick setting of the balance's accuracy. External adjusting weight required.

Weighing units: Can be switched to e.g. non-metric units at the touch of a key. See balance model. Please refer to KERN's website for more details.

Rechargeable battery pack: rechargeable set.

Power supply: integrated in balance. 230V/50Hz in Germany. On request GB or USA version.

Mains adapter: 230V/50Hz in standard version for Germany. On request GB or USA version.

Battery operation: The battery type is specified for each device.

Piece counting: Reference quantities selectable. Display can be switched from piece to weight

Spray and dust protection IPxx The type of protection is shown by the pictogram. For details see the glossary.

Data interface: The type of interface is shown by the pictogram. See the glossary for further details.

GLP/ISO record keeping of weighing data with date, time and identification-no. Only with printers from KERN.

Tare: put back displayed value to "0" during weighing process, e.g. to add or remove weighing material from a container.

Animal weighing program: Strong vibrations are filtered out to determine a stable weighing result.

Stainless steel: the balance is protected against corrosion.

Warranty: The warranty period is shown in the pictogram.

Net-total weighing: weight of tare cup and weight of components memorized in two separate stores.

Suspended weighing: load support with hook on the underside of the balance.

Verification possible. The time required for verification is specified in the pictogram.

Percentage determination: Displays the deviation from the reference weight (100%) in % instead of grams.

Weighing with tolerance range: Upper and lower limiting can be programmed individually, e.g. dosing/sorting.

DKD calibration possible. The time required for DKD calibration is specified in the pictogram.

Package shipment via courier.

Pallet shipment via freight forwarder.

[DMS] For details on weighing technologies, see the glossary.

Precision is our business

To ensure the high level of precision of your balance, KERN offers the appropriate test weight package for your balance. This consists of the test weight, box and DKD calibration certificate, as proof of its accuracy. The best way to ensure proper balance calibration.

In the extensive KERN test weight range, you will find test weights in the international OIML error limit classes: E1, E2, F1, F2, M1, M2, and M3 with weights from 1 mg to 2000 kg.

The KERN DKD calibration laboratory for electronic balances and weights has been accredited by DKD since 1994 and today is one of the most modern and best-equipped DKD calibration laboratories for balances, test weights and force-measurement in Europe.
(DKD = German Calibration Service)

Thanks to the high level of automation, we can carry out DKD calibration of balances, test weights and force-measuring devices 24 hours a day, 7 days a week.

Range of services:

- DKD calibration of balances with a maximum load of up to 6 t
- DKD calibration of weights in the range of 1 mg – 500 kg
- Database supported management of checking equipment and reminder service
- Calibration of force-measuring devices
- DKD calibration certificates in the following languages D, GB, F, I, E, NL, PL

Do you have questions about your scale, the corresponsing test weight or the calibration service ? Your KERN specialist dealer will be pleased to assist you.

Your KERN specialist dealer:

KERN – Professional measuring. Measuring technology and testing services from a single source

DKD-K-11801

German Excellence Group
Member

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