Platform scale KERN IFS





The industrial scale for professionals

Features

- Industrial quality: because of its stable construction and robust design, it is ideal for continuous use in industrial applications
- Benchtop stand incl. wall mount for display device as standard
- Precise counting: The manual optimisation of reference weight gradually improves the average value of the piece weight
- Weighing with tolerance range (checkweighing): Input of an upper/lower limit value. A visual and audible signal assists with portion division, dispensing or grading
- Totalizing of counting operations

Options

- 1 Stand to elevate display device, height of stand approx. 330 mm, **KERN IFB-A01**
  height of stand approx. 600 mm, for models with weighing plate sizes C, D, **KERN IFB-A02**
- Rechargeable battery pack internal, operating time approx. 30 h, charging time approx. 12 h, **KERN KFS-A01**
- 2 Standard printer, **KERN YKB-01N**
- Label printer, **KERN YKL-01**

Technical data

- Large backlit LCD displays, digit height 13/16 mm
- Dimensions of weighing plate (stainless steel):
  A 300x240x100 mm
  B 400x300x128 mm
  C 500x400x137 mm
  D 650x500x142 mm
- Dimensions of display device WxDxH 260x150x65 mm
- Permissible ambient temperature 0°C / 40°C

STANDARD: CAL EXT | PCS | RS 232 | GLP PROTOCOL 2 | TOL | 230 V | DMS

FACTORY: ACCU

STANDARD: 1 DAY | 2 YEARS GUARANTY

OPTION: DKD +3 DAYS

Model KERN	Weighing range [Max] kg	Read-out [d] g	Repro-ducibility g	Linea-rity g	Min. piece weight [PW min] g/piece	Net weight approx. kg	Weighing plate		Option DKD Calibr. Certificate DKD KERN	
IFS 15K0.2D	6 | 15	0,2 | 0,5	0,2 | 0,5	± 0,8 | ± 2	1	6,5	A		963-128	
IFS 30K0.2DL	12 | 30	0,2 | 0,5	0,2 | 0,5	± 0,8 | ± 2	2	11	B		963-128	
IFS 60K0.5D	30 | 60	0,5 | 1	0,5 | 1	± 2 | ± 4	4	11	B		963-129	
IFS 60K0.5DL	30 | 60	0,5 | 1	0,5 | 1	± 2 | ± 4	4	14	C		963-129	
IFS 120K1D	60 | 120	1 | 2	1 | 2	± 4 | ± 8	8	14	C		963-129	
IFS 150K2DL	60 | 150	2 | 5	2 | 5	± 8 | ± 20	10	24	D		963-129	
IFS 300K5D	150 | 300	5 | 10	5 | 10	± 20 | ± 40	20	24	D		963-129	

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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