

Stainless steel platform scale KERN FES · FEJ



High resolution stainless steel model with EC-Type Approval [M] and IP65

Features

- **1** IP65: Protected against dust and water splashes (only when using rechargeable battery pack, without RS 232 usage, without usage of relay output)
- Weighing system fully encapsulated
- Display device and weighing plate made out of stainless steel
- Weighing with tolerance range (check-weighing): Input of 2 upper and 2 lower limit values through 4 arrow keys. An audible signal assists with the portion division, dispensing or grading
- Standby function when plugged in, automatic activation of the display will occur if a change of load is made or a key is pressed

- Data interface RS 232 (bidirectional, unidirectional)
- **2** only FEJ: Automatic internal adjustment
- **3** only FES: Adjusting program (CAL), for quick setting of the balance accuracy
- UNITS: Further weighing units see the internet

Options

- Protective working cover over the display device, standard, can be reordered, **KERN FEJ-A02**
- **4** Stand to elevate display device, height of stand approx. 710 mm, **KERN FEJ-A05**

- Device for suspended weighing, **KERN FEJ-A06**

Technical data

- Fluorescent display bright with high contrast, digit height 18 mm
- Dimensions of weighing plate (stainless steel): 350x400 mm
- Overall dimensions WxDxH 350x520x170 mm
- Net weight approx. 17 kg
- Cable length of display device approx. 1 m
- Permissible ambient temperature 0°C / 40°C

1 * Only while stocks last
























STANDARD										OPTION	STANDARD		OPTION	FACTORY		
2	3	2 pieces						1								

Model	Weighing range [Max] kg	Read-out [d] g	Verific. value [e] g	Minimum load [Min] g	Repro-ducibility g	Linearity g	Min. piece weight [PW min] g/piece	Options		
								Verification		DKD Calibr. Certificate
FES 17K0.1IPM	17	0,1	1	5	0,1	± 0,3	0,1	950-117		963-128
FES 33K0.1IPM	33	0,1	1	5	0,1	± 0,3	0,1	950-117		963-128
FES 62K0.1DIPM	6,2 62	0,1 1	1	5	0,1 1	± 0,3 ± 1	0,1	950-118		963-129
FEJ 17K0.1IPM	17	0,1	1	5	0,1	± 0,3	0,1	950-117		963-128
FEJ 33K0.1IPM	33	0,1	1	5	0,1	± 0,3	0,1	950-117		963-128
FEJ 62K0.1DIPM*	6,2 62	0,1 1	1	5	0,1 1	± 0,3 ± 1	0,1	950-118		963-129

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.

Price reduction

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 corresponding 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



German Excellence Group
Member