

Platform scale KERN ITB



- **1** Stand to elevate display device, height of stand approx. 330 mm, **KERN ITB-A10**
height of stand approx. 660 mm, **KERN ITB-A11**
- Rechargeable battery pack external, operating time approx. 90 h, charging time approx. 8 h, **KERN ITB-A18**
- Ethernet interface, must be ordered at purchase, **KERN KMB-A01**
- **2** Data interface RS 232, separate Y cable, **KERN ITB-A09**
- Standard printer, **KERN YKB-01N**
- Label printer with printout configuration and barcode function, **KERN YKL-01**
- Statistics printer, **KERN YKT-01**
- Statistics printer, **KERN YKS-01**

Quality platform scale with protection against dust and water splashes to IP65

Features

- Robust metal housing
- Steel substructure powder coated
- Automatic taring when placing a container, saves time
- Dosage aid controlled through the display

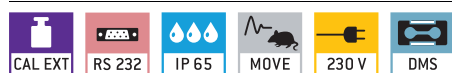
Options

- Protective working cover over the display device, standard, can be reordered, **KERN ITB-A03**
- Wall mount for display device, tiltable, **KERN ITB-A01**
- Mount to fasten the display device to the platform, **KERN ITB-A02**

Technical data

- Backlit LCD display, digit height 16 mm
- Dimensions of weighing plate (stainless steel):
A 300x240x78 mm, **B** 400x300x83 mm,
C 500x400x83 mm, **D** 650x500x110 mm,
E 800x600x120 mm
- Dimensions of display device
WxDxH 260x195x75 mm
- Permissible ambient temperature -10°C / 40°C

STANDARD



OPTION



FACTORY



STANDARD



OPTION



FACTORY



Model	Weighing range [Max] kg	Read-out [d] g	Verification value [e] g	Minimum load [Min] g	Linearity g	Net weight approx. kg	Weighing plate	Options			
								Verification		DKD Calibr. Certificate	
								KERN		KERN	
KERN											
ITB 6K0.2IP	6	0,2	–	–	1	7,7	A	–		963-128	
ITB 15K0.5IP	15	0,5	–	–	1	7,7	A	–		963-128	
ITB 35K1IP	35	1	–	–	2	11,7	B	–		963-128	
ITB 60K2LIP	60	2	–	–	2	22	C	–		963-129	
ITB 60K2XLIP	60	2	–	–	3	25	D	–		963-129	
ITB 150K5IP	150	5	–	–	3	22	C	–		963-129	
ITB 150K5LIP	150	5	–	–	3	25	D	–		963-129	
ITB 300K10IP	300	10	–	–	3	25	D	–		963-129	
ITB 600K20IP	600	20	–	–	3	45	E	–		963-130	

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.

Dual-range balance (D=Dual): switches from readout d1 to readout d2 automatically

ITB 6K1DIPM	3 6	1 2	1 2	20	1	7,7	A		950-128		963-128	
ITB 15K2DIPM	6 15	2 5	2 5	40	1	7,7	A		950-128		963-128	
ITB 35K5DIPM	15 35	5 10	5 10	100	2	11,7	B		950-128		963-128	
ITB 60K10DLIPM	30 60	10 20	10 20	200	2	22	C		950-129		963-129	
ITB 60K10DXLIPM	30 60	10 20	10 20	200	3	25	D		950-129		963-129	
ITB 150K20DIPM	60 150	20 50	20 50	400	3	22	C		950-129		963-129	
ITB 150K20DLIPM	60 150	20 50	20 50	400	3	25	D		950-129		963-129	
ITB 300K50DIPM	150 300	50 100	50 100	1000	3	25	D		950-129		963-129	
ITB 600K100DIPM	300 600	100 200	100 200	2000	3	45	E		950-130		963-130	

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

