

KERN ITB•ITS•ITT Platform scale

Modular family of scales – completely protected with IP65

Order Hotline:
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STANDARD

only for non-verified models

OPTION



Delivery 8 days

3 Years warranty

OPTION Verification

DKD Certificate +4 days

Standard

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

Data interface: The type of interface is shown by the pictogram. For a definition, see page 88.

Spray and dust protection: The type of protection is shown by the pictogram. For a definition see the glossary, page 96.

Animal weighing program: strong vibrations are filtered out.

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

Option (additional price)

Rechargeable battery pack: rechargeable set.

Data interface: The type of interface is shown by the pictogram. For a definition, see page 88.

Automatic taring when placing the container, saves time

Backlit LCD display digit height 16 mm

Dosage aid controlled through the display

Protective working cover over display device, standard. Can be reordered, **KERN ITB-A03**

Sample order: KERN ITS 35K5 DIPM Max = 35 kg, d₁ = 5 g (from 0 – 15 kg) d₂ = 10 g (from 15 – 35 kg), D = Dual, IP = Protection class IP65

Model	Model	Model	...	Weighing range Max kg	Read-out d g	Verific. Value e g	Min. load Min g	Min. piece weight at piece count. g/piece	Cable length approx. m	Net weight approx. kg	Stainless steel weighing plate mm
ITB...	ITS...	ITT...	6K0.2IP	6	0,2	-	-	0,04	1	7,7	300x240
ITB...	ITS...	ITT...	15K0.5IP	15	0,5	-	-	0,1	1	7,7	300x240
ITB...	ITS...	ITT...	35K1IP	35	1	-	-	0,2	2	11,7	400x300
ITB...	ITS...	ITT...	60K2LIP	60	2	-	-	0,4	2	22	500x400
ITB...	ITS...	ITT...	60K2XLIP	60	2	-	-	0,4	3	25	650x500
ITB...	ITS...	ITT...	150K5IP	150	5	-	-	1	3	22	500x400
ITB...	ITS...	ITT...	150K5LIP	150	5	-	-	1	3	25	650x500
ITB...	ITS...	ITT...	300K10IP	300	10	-	-	2	3	25	650x500
ITB...	ITS...	ITT...	600K20IP	600	20	-	-	4	3	45	800x600

Verifiable				d ₁ d ₂ = Dual-range balance (D=Dual) switches over automatically								
ITB...	ITS...	ITT...	6K1DIPM	3 6	1 2	1 2	20	0,04	1	7,7	300x240	
ITB...	ITS...	ITT...	15K2DIPM	6 15	2 5	2 5	40	0,1	1	7,7	300x240	
ITB...	ITS...	ITT...	35K5DIPM	15 35	5 10	5 10	100	0,2	2	11,7	400x300	
ITB...	ITS...	ITT...	60K10DLIPM	30 60	10 20	10 20	200	0,4	2	22	500x400	
ITB...	ITS...	ITT...	60K10DXLIPM	30 60	10 20	10 20	200	0,4	3	25	650x500	
ITB...	ITS...	ITT...	150K20DIPM	60 150	20 50	20 50	400	1	3	22	500x400	
ITB...	ITS...	ITT...	150K20DLIPM	60 150	20 50	20 50	400	1	3	25	650x500	
ITB...	ITS...	ITT...	300K50DIPM	150 300	50 100	50 100	1000	2	3	25	650x500	
ITB...	ITS...	ITT...	600K100DIPM	300 600	100 200	100 200	2000	4	3	45	800x600	

52 Display device WxDxH 260x195x75 mm. Permitted environmental temperature -10 ... +40 °C.

Platforms (weighing bridges) and display devices (terminals) individually available, see pages 86/87.

KERN – Your DKD-Calibration Partner

Issues DKD calibration certificates for balances and test weights in its own accredited laboratories. It is internationally valid.

KERN is a manufacturer of test weights in the international classes of accuracy E1, E2, F1, F2, M1, M2, M3, from 1 mg up to 2000 kg

DKD = German Calibration Service





Standard

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

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

PC IT-Net **Data interface:** The type of interface is shown by the pictogram. For a definition, see page 88.

GLP **GLP/ISO record keeping** of weighing data with date, time and Ident.-no. Only with printers from KERN, see page 88.

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

IP 54-68 **Spray and dust protection:** The type of protection is shown by the pictogram. For a definition see the glossary, page 96.

230 **Netzteil:** In der Waage integriert. 230V/50Hz in D. Auf Bestellung auch in Standard GB, AUS oder USA.

Option (additional price)

AKU **Rechargeable battery pack:** rechargeable set.

PC IT-Net **Data interface:** The type of interface is shown by the pictogram. For a definition, see page 88.

Order Hotline:
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STANDARD ITS



Counting resolution
150.000 Pt.

KERN ITS
Standard model

OPTION



see page 88

- **Functions as with ITB** in addition however with:
- **Capacity display** a bar graph shows the current available weighing range
- **Switch-over possibility** Net/Gross
- **Piece counting** with fixed reference quantities 1, 2, 5, 15, 20, 25, 30, 50, 100 pieces
- **Reference optimisation** automatic, gradually improves the counting accuracy
- **High resolution readout** with all verifiable models: Read-out **d** for 10 sec um 1 increased by one decimal place
- Only one optional interface may be installed at any one time

KERN ITT
Top model

- **Functions as with the ITB and ITS** in addition however with:
- **40 tare memory units**
- **40 reference memory units** (PCS)
- **20 memory units** for weighing with tolerance ranges. Input in weight, pieces, %
- **Tare deduction** numerical or from the memory unit
- **Piece counting** with variable reference, numerical or from the memory unit
- **Totalizing** of weights and quantities
- **2 identification numbers**, max. 40 digits each
- **Date/time**
- **Information key** for displaying individual user settings

KERN ITB•ITS•ITT Platform scale

STANDARD ITT



Counting resolution
150.000 Pt.

Accessories for all ITB•ITS•ITT models:

Wall mount for display device, tiltable, KERN ITB-A01

Display device mount to fasten display device to platform, KERN ITB-A02

Stand to elevate display device:
• Height 330 mm, KERN ITB-A10

• Height 660 mm, KERN ITB-A11

External rechargeable battery pack in AL housing, IP65. Charge condition indicator on display. Operating time 90 h, charging time 6 h, KERN ITB-A18

Ethernet interface KERN ITB-A17
Details see page 89

Second data interface RS 232C bidirectional, in the form of a separate clip-on Y-cable, KERN ITB-A09

Standard printer KERN YKB-01

Label printer with printout configuration and barcode function, KERN YKL-01

Statistics printer KERN YKT-01
For all printers see page 88

5, M = verifiable

		OPTION alternative		DKD	
		Verification	M III	Certificate KERN	DKD
•	•	-		963-128	
•	•	-		963-128	
•	•	-		963-128	
•	•	-		963-129	
•	•	-		963-129	
•	•	-		963-129	
•	•	-		963-129	
•	•	-		963-129	
•	•	-		963-129	

		Factory verification		DKD	
•	•	950-528	1	963-528	
•	•	950-528	1	963-528	
•	•	950-528	1	963-528	
•	•	950-529	1	963-529	
•	•	950-529	1	963-529	
•	•	950-529	1	963-529	
•	•	950-529	1	963-529	
•	•	950-529	1	963-529	
•	•	950-529	1	963-529	

1 Factory verification, location of use with post code required.

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