

Platform Balance **TB·TS·TT**

EU-verifiable, class (III): Verification is required in commercial transactions, valid for all members of the EU.



Data interface: RS 232 C, bidirectional, for connection of printer or PC. Adjustable printing volume.



Spray and dust protection IP 54: Protection class is indicated in the symbol to the left.



Option (additional price)

Accu-supply: Rechargeable set, extern. Working period 32 h. **KERN TS-A 03.**



Printer (additional price)

with data interface RS 232C for data transmission of weighing values. Paper width 55 mm. **KERN 911-013.**



The special Tip:

The modular construction with three different terminals has many advantages. Your requirements will be fulfilled "to the point".

KERN - Warranty: 3 years

KERN's DKD-Calibration-Laboratory

(DKD = German Calibration Service)

Competence in weighing technology

- DKD-certificates for balances

Competence in adjust. weights

- KERN is a manufacturer of adjust. weights in all classes of accuracy E1 - M3, from 1 mg to 2 000 kg
- DKD-certificates for adjusting weights in the KERN laboratory



standard



Option



KERN TB
(Basic model)

Sample order: **KERN TS 6 K 2M** Platform balance with Terminal TS, **Max** 6 kg, **d** = 2 g, **M** = EU-verifiable.

| Model (optional) | Read out | Weigh. range | Verific. value | Min. load | Min. piece weight at parts count. | Weighing plate Stainl. steel mm | Total balance W x D x H mm |
|-------------------|----------|--------------|---|-----------|-----------------------------------|---------------------------------|----------------------------|
| TB TS TT | d g | Max kg | e g | Min g | g | | |
| TB../TS../TT.. | 0.2 | 6 | - | - | 0.4 | 300x240 | 300x420x80 |
| TB../TS../TT.. | 0.5 | 15 | - | - | 1 | 300x240 | 300x420x80 |
| TB../TS../TT.. | 1 | 35 | - | - | 2 | 400x300 | 400x480x86 |
| TB../TS../TT.. | 2 | 60 | - | - | 4 | 500x400 | 500x580x86 |
| TB../TS../TT.. | 2 | 60 | - | - | 4 | 650x500 | 650x500x100 |
| TB../TS../TT.. | 5 | 150 | - | - | 10 | 500x400 | 500x580x86 |
| TB../TS../TT.. | 5 | 150 | - | - | 10 | 650x500 | 650x500x100 |
| TB../TS../TT.. | 10 | 300 | - | - | 20 | 650x500 | 650x500x100 |
| Verifiable | M | 1 | 1 Verification in the factory. Location of use with postcode required. Additional costs. | | | | |
| TB../TS../TT.. | 2 | 6 | 2 | 40 | 0.4 | 300x240 | 300x420x80 |
| TB../TS../TT.. | 5 | 15 | 5 | 100 | 1 | 300x240 | 300x420x80 |
| TB../TS../TT.. | 10 | 35 | 10 | 200 | 2 | 400x300 | 400x480x86 |
| TB../TS../TT.. | 20 | 60 | 20 | 400 | 4 | 500x400 | 500x580x86 |
| TB../TS../TT.. | 20 | 60 | 20 | 400 | 4 | 650x500 | 650x500x100 |
| TB../TS../TT.. | 50 | 150 | 50 | 1000 | 10 | 500x400 | 500x580x86 |
| TB../TS../TT.. | 50 | 150 | 50 | 1000 | 10 | 650x500 | 650x500x100 |
| TB../TS../TT.. | 100 | 300 | 100 | 2000 | 20 | 650x500 | 650x500x100 |

Your specialist dealer:

Please request our balance catalogue!

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GLP/ISO record keeping of weighing data with date, time and ident.-no. Only with printer **KERN 911-013**.



Parts counting: Reference quantities selectable. **TS:** 1, 2, 5, 10, 20, 50, 100 pieces, **TT:** quantities free selectable.



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



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Accessories (additional price)

Wall mounting for the terminal device, cable length 2.5 m **KERN TS-A 01.**

Stand to elevate the terminal device, see figure below. For balances with platform size up to 500 x 400 mm, stand height 330 mm, **KERN TS-A 02.** For balances with platform size 650 x 500 mm, stand height 600-800 mm, **KERN TS-A 08.**



Second data interface RS 232 C, bidirectional, e. g. for connection of second reference balance or printer KERN 911-013 (see front side), **KERN TS-A 04.**

Interface cable, for connection of balance to printer KERN 911-013 (see front side) **KERN TS-A 06.**



standard



Option



KERN TS
(Standard model)



standard



Option



KERN TT
(Top model)



A complete family is introduced:

- TB Basic** model for weighing
- TS Standard** model for weighing, parts counting and formulas
- TT Top** model with numerous industrial applications

Construction/design: Strong, wear-resistant design. Weighing plate stainless steel, casing powder coated steel. Terminals come attached on wide side of platform (except balances with **Max** 300 kg). Can also be mounted on narrow side or positioned freely. Cable length approx. 1.5 m.

Ten times higher resolution: By pressing key, **d** can be increased in a position for 5 sec. Only for verifiable models **TS/TT**.

Common data: Stabilization time ≈ 3 sec, permissible ambient temperature -10 ... +40° C, mains adapter 230 V.

KERN TB (Basic model)
4 keys: clearing, taring, data transfer, ON/OFF.
Applications:
• Weighing and taring

KERN TS (Standard model)
5 keys: Same as TB, additional function key.
Applications:
• Parts counting, formulas
• Summing (sum of all individual weighings, e.g. per day)
• Commissioning
• Dynamic weighing, e.g., in case

of vibrations or animal-weighing
• Automatic taring when setting on an empty container

KERN TT (Top-Model)
5 keys: Same as TS, additional numerical keypad and 4 application keys for parts counting, summing, formulas, 2 identification numbers. Additional output of date and time.
Applications:
See KERN TS, additional:
• Preliminary subtraction of tare weight
• Identification, 18 numeric posit.
• 10 taring memories
• Parts counting with variable reference
• Input of piece weight
• Summing of parts

Your specialist dealer: