

## Floor scale

**KERN BOBP • BVBP • BTEP  
BTBP • BTSP • BTTP**  
Floor scale

**High quality  
for high demand**

Order Hotline:  
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### Weighing bridge sizes,

- Net weight without ramps
- A): 1000x1000x80 mm,** approx. 99 kg
  - B): 1000x1000x90 mm,** approx. 48 kg
  - C): 1000x1000x125 mm,** approx. 105 kg
  - D): 1500x1250x80 mm,** approx. 171 kg
  - E): 1500x1250x125 mm,** approx. 175 kg
  - F): 1500x1500x80 mm,** approx. 204 kg

### M Option:

**1** Factory verification for all models except BOBP, BVBP, KERN 950-130

**Note:**  
For verified models the weighing bridge must be fixed to the floor. Optionally, two ascending ramps or two pairs of base plates. A combination of these two options is also available.

**Weighing bridge**  
anti slip corrugated steel plate, lacquered. Extremely resistant to bending due to material thickness. Ascending ramps and stand as an option (not for BOBP)

**Dispatch complete on a pallet.** Dimensions, gross weight, please ask for shipping costs



only BOBP, BVBP **Delivery 1 day**

only BTEP, BTBP, BTSP, BTTP **Delivery 8 days**

**3** Years warranty

OPTION **M** Verification +7 days



Printers for all models with RS 232:  
**Standard printer**  
KERN YKB-A01

**Statistics printer**  
KERN YKT-01

only BTBP, BTSP, BTTP  
**Label printer**  
with printout configuration and barcode function,  
KERN YKL-01

For all printers see page 88.  
See also "Individual header data"

Model	Weighing range Max kg	Read-out d g	Verific. value e g	Min. load Min kg	Permitted environmental temperature °C	Weighing plate	M	III
KERN BOBP								
KERN BVBP								
BOBP 300K200	300	200	-	-	+5 ... +35°	B	-	
BOBP 750K500	750	500	-	-	+5 ... +35°	B	-	
BVBP 600K200SM	600	200	200	4	-10 ... +40°	C	2	
BVBP 600K200M	600	200	200	4	-10 ... +40°	E	2	
BVBP 1.5T0.5SM	1500	500	500	10	-10 ... +40°	C	2	
BVBP 1.5T0.5M	1500	500	500	10	-10 ... +40°	E	2	
BVBP 3T1M	3000	1000	1000	20	-10 ... +40°	E	2	

Order example: KERN BTEP 15T0.5SM Max = 1500 kg, d = 500 g, M = verifiable

Model	Model	Model	Model	...	Weighing range Max kg	Read-out d g	Verific. Value e g	Min. load Min kg	Weighing plate
KERN	KERN	KERN	KERN						
BTEP ...	BTBP ...	BTSP ...	BTTP ...	600K200SM	600	200	200	4	A
BTEP ...	BTBP ...	BTSP ...	BTTP ...	600K200M	600	200	200	4	D
BTEP ...	BTBP ...	BTSP ...	BTTP ...	1.5T0.5SM	1500	500	500	10	A
BTEP ...	BTBP ...	BTSP ...	BTTP ...	1.5T0.5M	1500	500	500	10	D
BTEP ...	BTBP ...	BTSP ...	BTTP ...	1.5T0.5LM	1500	500	500	10	F
BTEP ...	BTBP ...	BTSP ...	BTTP ...	3T1M	3000	1000	1000	20	D
BTEP ...	BTBP ...	BTSP ...	BTTP ...	3T1LM	3000	1000	1000	20	F

**54** **1** Factory verification, location of use with post code required.  
**2** Verification only possible at location of use.

Permitted environmental temperature models BtXp -10 ... +40 °C.

## 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



Your KERN specialist dealer

**CAL** **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** **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.

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

**%** **Percentage determination:** Displays the deviation from the reference weight (100%) in % instead of grams.

**UNIT** **Weighing units:** can be switched to e.g. non-metric units at the touch of a key. See balance model.

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

**IP** **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.

**BAT** **Battery operation:** The battery type is specified for each device.

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

**230** **Mains adapter:** 230 V/50Hz in standard version for Germany. On request GB, AUS or USA version.

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

### Floor scale



### 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.

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

**%** **Percentage determination:** Displays the deviation from the reference weight (100%) in % instead of grams.

**UNIT** **Weighing units:** can be switched to e.g. non-metric units at the touch of a key. See balance model.

**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.

**Animal weighing program:** strong vibrations are filtered out.

**BAT** **Battery operation:** The battery type is specified for each device.

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

**230** **Mains adapter:** 230 V/50Hz in standard version for Germany. On request GB, AUS or USA version.

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

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**Floor scale,  
further technical details**

**KERN BOBP • BVBP**

#### KERN BOBP

Display device:



Large LCD display digit height 25 mm. Plastic housing, WxDxH 210x110x45 mm, cable length approx. 6 m.



**Weighing bridge,** lacquered. Overall height only 90 mm, height adjustable feet to level the platform

**BAT** **Battery operation possible**  
Batteries size AA (6 x 1.5 V) not included. AUTO-OFF function after 3 min without a change of load to preserve the battery. Operating time approx. 60 h

#### KERN BVBP

Display device:



Large LCD display digit height 25 mm. Plastic housing, WxDxH 200x140x50 mm, cable length approx. 5 m.



**Weighing bridge,** lacquered. Overall height 125 mm. Weighing plate can be unscrewed, access to the 4 versatile supported load cells.

**Pair of base plates** not standard, **KERN BVBP-A04**

**AKU** **Rechargeable battery pack**  
internal, operating time approx. 17 h, charging times approx. 8 h using internal power supply. AUTO-OFF after 3, 10, 30, 60, 180 min to preserve the battery, can be switched off. **KERN VB-A10**

**Ascending ramp,** including fixing board, not standard, for weighing plate sizes  
**C** BVBP-A02  
**E** BVBP-A03

**PC RS 232** **RS 232 interface**  
includes interface cable, approx. 1.5 m, must be ordered at purchase. **KERN VB-A07**

**Model family, for further technical details, see page 86**

**KERN BTEP • BTBP  
BTSP • BTTP**

#### KERN BTEP

#### KERN BTBP

**Common characteristics for BTEP, BTBP, BTSP, BTTP models:**

**Access. for BTxP models:**



**Stand,** Height 1140 mm, **KERN TS-A28**  
**Stand base plate** 480 x 480 mm, **KERN TS-A28**



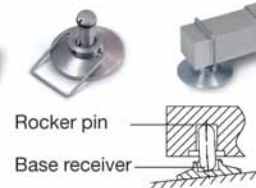
**Weighing bridge (IP 65)** anti slip corrugated steel plate, lacquered. Extremely resistant to bending due to material thickness. Overall height 80 mm only.

**Ascending ramp,** not standard, for weighing bridge sizes  
**A** 1000x750 mm, **KERN BTEP-A01**  
**D**, **F** 1500x750 mm, **KERN BTEP-A02**

**Four load cells (IP68)** versatile supported, therefore especially shock absorbent, even against transverse forces

#### KERN BTSP

#### KERN BTTP



**Pair of base plates** not standard, **KERN TS-A30**

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



**Junction box,** stainless steel, IP65, with 5 connections. Therefore, simple adjustment and off-center load adjustment.

Factory Option: **Cable** with special length 10 m, must be ordered at purchase. **KERN TS-A31**

55

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