

PREMIUM



Modular axle load scale for the mobile monitoring of vehicles up to 15 tons



Weighing of airplanes

Order example: 1× display device VHP-T,
1× weighing pad KHP 3000V20LM,
2× ascending ramp VHP-A01



Asynchronous weighing of individual axles

Order example: standard package VHP 6T-3
or VHP 15T-2, see table on the right



**Asynchronous weighing of double axles
which are installed next to each other,
using compensation pads**

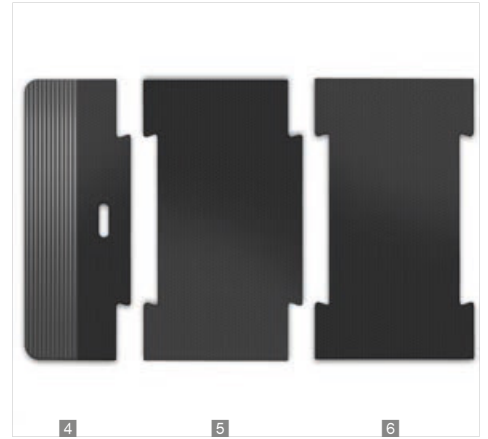
Order example: standard package VHP 6T-3
or VHP 15T-2, see table on the right,
4× ascending ramp VHP-A01,
2× compensation pad VHP-A03



**Simultaneous weighing of double axles,
e.g. of a trailer**

Order example: standard package VHP 15T-2,
see table on the right, 4× ascending ramp
VHP-A01, 2× weighing pad KHP
7500V20LM

Axle load scale KERN VHP



Features

- **Mobile axle load scale** for rapid monitoring of vehicles. Space-saving and affordable. Ideal for mobile police or customs checks, on landfill sites, gravel works, biogas plants etc.
- **1 Display device with integrated thermal transfer printer and rechargeable battery pack** in stable, lined transport case standard.
4 quick-release connectors to connect up to 4 weighing pads. The weighing results from the individual weighing pads can be issued individually or cumulatively. Display device can be re-ordered, KERN VHP-T
- **2 Weighing pad (wheel load plate) extremely resistant to bending because of its high material thickness.**
Particularly flat design, only 35 mm. Brackets for access ramps and spacer plates on both sides, and therefore quickly expendable
 - 2 rollers and 2 handles for easy transport of the weighing pad
 - 6 load cells, steel, silicone-coated, IP67
- Scope of supply:
 - 2 weighing pads (wheel load plates)
 - 4 access ramps
 - 1 display device in stable transport case

Technical data

- Backlit LCD graphic display, digit height 10 mm
- Weighing plate dimensions, coated metal, W×D×H 900×500×35 mm
- Dimensions of display device W×D×H 370×280×160 mm
- Net weight for each weighing pad approx. 30,2 kg
- Net weight of each access ramp approx. 12 kg
- Net weight display device (case) approx. 9,2 kg
- Rechargeable battery pack internal, operating time up to 13 h without backlight, charging time approx. 12 h
- Cable length of display device approx. 10 m
- Permissible ambient temperature -40 °C/70 °C

Accessories

- **3 Weighing pad to expand the weighing system VHP**, steel, lacquered (orange), 2 rollers and 2 handles, dimensions W×D×H 900×500×35 mm, 1 piece, for model VHP 6T-3: [Max] = 3000 kg, [d] = 5 kg, KERN KHP 3000V20LM
VHP 15T-2: [Max] = 7500 kg, [d] = 10 kg, KERN KHP 7500V20LM

- **4 Ascending ramp**, extremely resistant rubber compound, dimensions W×D×H 900×250×35 mm, KERN VHP-A01
- **5 Ramp extension**, extremely resistant rubber compound, dimensions W×D×H 900×545×35 mm, KERN VHP-A02
- **6 Compensation pad**, extremely resistant rubber compound, dimensions W×D×H 900×545×35 mm, KERN VHP-A03
- **Thermal receipt rolls**, 10 pieces, dimensions W×L 57×18000 mm, ø 51 mm, KERN RFS-A10
- **DAkKS calibration certificate** (for both pads), see table. DAkKS calibration certificate for one pad, see page 192, KERN 963-132 respectively 963-133

Note: The standard scope of supplies (see technical data) can be expanded with further weighing pads, ramp extensions and balancing platforms (see accessories) and in this way the system can be adapted to cover a wide range of applications. Do you have any questions or special requests? Your KERN product specialist will be happy to help

STANDARD							OPTION	











































Model	Weighing range [Max] kg	Readout [d] kg	Weighing pads included with delivery [Max] kg	Option	
				DAkKS Calibr. Certificate	
KERN				DKD KERN	
VHP 6T-3	6000	5	2 × 3000		963-132A
VHP 15T-2	15000	10	2 × 7500		963-133A

Only while stocks last !

Price reduction

KERN Pictograms:

 Internal adjusting: Quick setting up of the balance's accuracy with internal adjusting weight (motordriven).	 Piece counting: Reference quantities selectable. Display can be switched from piece to weight.	 Rechargeable battery pack: Rechargeable set.
 Adjusting program CAL: For quick setting up of the balance's accuracy. External adjusting weight required.	 Recipe level A: Separate memory for the weight of the tare container and the recipe ingredients (net total).	 Universal mains adapter: with universal input and optional input socket adapters for A) EU, GB B) EU, GB, CH, USA C) EU, GB, CH, USA, AUS
 Memory: Balance memory capacity, e.g. for article data, weighing data, tare weights, PLU etc.	 Recipe level B: Internal memory for complete recipes with name and target value of the recipe ingredients. User guidance through display.	 Mains adapter: 230V/50Hz in standard version for EU. On request GB, USA or AUS version available.
 Alibi memory: Electronic archiving of weighing results, complying with the 2014/31/EU standard.	 Recipe level C: Internal memory for complete recipes with name and target value of the recipe ingredients. User guidance through display, multiplier function, adjustment of recipe when dosages are exceeded or barcode recognition.	 Power supply: Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, USA or AUS on request.
 Data interface RS-232: To connect the balance to a printer, PC or network.	 Totalising level A: The weights of similar items can be added together and the total can be printed out.	 Weighing principle: Tuning fork A resonating body is electromagnetically excited, causing it to oscillate.
 RS-485 data interface: To connect the balance to a printer, PC or other peripherals. High tolerance against electromagnetic disturbance.	 Percentage determination: Determining the deviation in % from the target value (100 %).	 Weighing principle: Electromagnetic force compensation Coil inside a permanent magnet. For the most accurate weighings.
 USB data interface: To connect the balance to a printer, PC or other peripherals.	 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.	 Weighing principle: Single cell technology Advanced version of the force compensation principle with the highest level of precision.
 Bluetooth* data interface: To transfer data from the balance to a printer, PC or other peripherals.	 Weighing with tolerance range: Upper and lower limiting values can be programmed individually for e.g. dosing, sorting and portioning.	 Verification possible: The time required for verification is specified in the pictogram.
 WLAN data interface: To transfer data from the balance to a printer, PC or other peripherals.	 Hold function: (Animal weighing program) When the weighing conditions are unstable, a stable weight is calculated as an average value.	 DAKkS calibration possible (DKD): The time required for DAKkS calibration is shown in days in the pictogram.
 Control outputs (optocoupler, digital I/O): To connect relays, signal lamps, valves, etc.	 Protection against dust and water splashes IPxx: The type of protection is shown in the pictogram.	 Package shipment: The time required for internal shipping preparations is shown in days in the pictogram.
 Interface for second balance: For direct connection of a second balance.	 ATEX explosion protection: Suitable for use in hazardous industrial environments, in which there is explosion danger. The ATEX marking is specified for each device.	 Pallet shipment: The time required for internal shipping preparations is shown in days in the pictogram.
 Network interface: For connecting the scale to an Ethernet network. With KERN products you can use a universal RS-232/LAN converter.	 Stainless steel: The balance is protected against corrosion.	 Warranty: The warranty period is shown in the pictogram.
 Wireless data transfer: between the weighing unit and the evaluation unit using an integrated radio module.	 Suspended weighing: Load support with hook on the underside of the balance.	
 GLP/ISO log: The balance displays the weight, date and time, regardless of a printer connection.	 Battery operation: Ready for battery operation. The battery type is specified for each device.	
 GLP/ISO log: With weight, date and time. Only with KERN printers.		

KERN – Precision is our business

To ensure the high precision of your balance KERN offers you the the appropriate test weight in the international OIML error limit classes E1-M3 from 1 mg - 2500 kg. In combination with a DAKkS calibration certificate the best pre-requisite for proper balance calibration.

The KERN DAKkS calibration laboratory today is one of the most modern and best-equipped DAKkS calibration laboratories for balances, test weights and force-measurement in Europe.

Thanks to the high level of automation, we can carry out DAKkS calibration of balances, test weights and force-measuring devices 24 hours a day, 7 days a week.

Range of services:

- DAKkS calibration of balances with a maximum load of up to 50 t
- DAKkS calibration of weights in the range of 1 mg – 2500 kg
- Volume determination and measuring of magnetic susceptibility (magnetic characteristics) for test weights
- Database supported management of checking equipment and reminder service
- Calibration of force-measuring devices
- DAKkS calibration certificates in the following languages DE, GB, FR, IT, ES, NL, PL
- Conformity evaluation and reverification of balances and test weights

Your KERN specialist dealer: