Description

These flat wheel load scales provide you with a high-precision, powerful weighing system for weighing cars and motorcycles. Wheel load scales are ideally suited to mobile applications. They are easy to transport and operate on location. The scales can be accessed via ramps or embedded flush in the ground. Several wheel load scales are connected on site by cable to facilitate weighing of axle loads and the total weight of a vehicle.

Measured values can either be read on a hand-held terminal or on the PC with the aid of our wheel load scale software. Up to four wheel load scales can be connected with a hand-held terminal. The left-hand wheel load, right-hand wheel load, axle load or the overall load are displayed on the hand-held terminal, depending on the number and configuration of the scales. Each system can, of course, be tared.

Alternatively, measurement data can be viewed, stored or logged on a PC with the wheel load scale software. The data can also be exported to Microsoft Excel. The software evaluates up to 20 wheel load scales simultaneously.

Features

- Maximum accuracy
- Low self-weight
- Flat design
- Nominal loads 100 kg / 500 kg
- Maintenance-free

Applications

- Car weighing
- Car-load distribution
- Suspension setup in motor racing sport
- Motorcycle weighing
## Technical data

<table>
<thead>
<tr>
<th>Type</th>
<th>Nominal load</th>
<th>Sensitivity/Display increments *</th>
<th>Accuracy</th>
<th>Self-weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>RW 2.0 / 100</td>
<td>100 kg</td>
<td>0.1 kg</td>
<td>±0.2 kg</td>
<td>6.5 kg</td>
</tr>
<tr>
<td>RW 2.0 / 500</td>
<td>500 kg</td>
<td>0.2 kg</td>
<td>±0.4 kg</td>
<td>6.5 kg</td>
</tr>
</tbody>
</table>

- **Overload**: 600 kg
- **Power supply**: Mains adapter 220 V / 12 V DC
  - Alternatively: Portable power supply or on-board power plug 12 V DC
- **Operating temperature**: -10 °C to +50 °C
- **Storage temperature**: -30 °C to +70 °C
- **Degree of protection**:
  - Wheel load scales: IP 65
  - Converter: IP 40

## Dimensions

**Weighing surface**: w 420 mm x l 430 mm
**Height**: 30 mm

![Dimensions diagram](image)

**Dimensions in mm**

## Evaluation on hand-held terminal

- **HT 3.4** for 2/4-plate systems
  - Display of wheel load, axle loads and overall load
- **HT 4.4** for 2/4-plate systems
  - Integrated printer
  - Display and printing of wheel load, axle loads and overall load

## Evaluation on PC

- **RW software 2.0** (without hand terminal)
  - For up to 20 wheel load scales
  - Display of all weighing data
  - Compilation of a weighing report
  - Export to Microsoft Excel
  - Operating systems: Win 2000, XP, Vista and Win 7

## Accessories

- **Ramps**
  - Access ramps w 420 x l 150 x h 31 mm
- **Connection cable**
  - Length 5 m or 10 m
- **Wheel stop**
  - Pluggable, height 30 cm, width 400 cm

---

HKM-Messtechnik GmbH
Ziegelhofstrasse 228
79110 Freiburg
Germany

Phone: +49 761 89 607-0
Fax: +49 761 89 607-66
info@hkm-messtechnik.de
www.hkm-messtechnik.com

Management: Karsten Herrmann, Heinz Knittel
Freiburg Local Court
Trade register no 3954

Status 03.2013
Subject to technical modifications