



**Description**

With these portable and verifiable scales, you can measure the wheel and axle loads of a wide range of vehicles quickly and precisely. Our RWA8.1.0E wheel load scales are available for various nominal loads from 500 kg to 8t. They are accepted in accuracy class  $\text{III}$  in accordance with EN 45501 and are approved for weighing operations in commercial and official use.

You can read the measured loads directly from a large LCD display on the scales. For ease-of-use and to ensure the accuracy of the test results, status information is displayed on five individual LEDs. Operation of the wheel load scales is via three push-buttons. Optionally, in applications where verification is not required, two scales can be connected using an additional cable so that the total load on an axle can be easily measured.

The scales are powered by rechargeable batteries, so that the transportable wheel load scales are suitable for mobile use, independently of a mains power supply. The scales can be used on any suitably firm and level subsurface.

Fields of application for the wheel load scales are road traffic vehicle inspections and vehicle design and production. They are suitable for use in agriculture and forestry, on construction sites and in waste disposal.

**Features**

- | Verifiable
- | Low self-weight
- | Shallow construction
- | Nominal loads 500/1000/2000/8000 kg
- | Functions:  
 Zero-setting, tare,  
 read out of gross and net value
- | Anti-slip rubber feet
- | Maintenance-free
- | Operates on standard rechargeable batteries
- | Can be combined for axle load weighing where verification is not required (optional)

**Applications**

- | Weighing operations and load checks
- | Determination of the load distribution
- | Setting up suspension/running gear
- | Vehicle approvals for new and modified models

