



AS30000

PORTABLE AXLE SCALE

Portable, high-capacity axle weighing for accurate vehicle weight monitoring and flexible deployment.

Designed for mobile weighing operations

Each vehicle axle is positioned and weighed individually. Results can be viewed on the indicator and printed on a ticket showing the vehicle licence plate number and individual axle weights.

MAX CAPACITY

30 t

High-capacity axle weighing

DIVISION

5 kg

Resolution / section

PROTECTION

IP65

Platform & indicator

WIRELESS

20 m

Wireless communication

KEY FEATURES

PORTABLE & MOBILE

Deploy weighing operations where a permanent weighbridge is impractical or unnecessary.

INDIVIDUAL AXLE WEIGHING

Measure each axle separately for better load monitoring and control.

WIRELESS COMMUNICATION

Up to 20 m communication range between the weighing platform system and indicator.

TICKET PRINTING

Print weighing records including vehicle licence plate and individual axle weights.

RUGGED PROTECTION

IP65 protection helps the equipment operate in demanding industrial environments.

BATTERY POWERED

Platform batteries and a rechargeable indicator battery support independent operation.

HOW IT WORKS

01

POSITION

Place the portable platforms in the required weighing position.

02

DRIVE ON

Position the vehicle axle on the weighing platforms.

03

WEIGH

Record the individual axle weight on the indicator.

04

PRINT

View results and print a weighing ticket with axle information.

APPLICATIONS

Logistics & Transportation • Fleet Management • Construction • Mining & Quarrying • Agriculture • Ports & Terminals • Industrial Operations • Temporary / Mobile Weighing Sites

TECHNICAL SPECIFICATIONS

GENERAL / METROLOGICAL

SPECIFICATION	AS30000
Capacity	30 t
Division / Section	5 kg
Linearity	15 kg
Repeatability	5 kg
Stabilization Time	0.5–3 s

PLATFORM

SPECIFICATION	AS30000
Platform Material	Aluminium
Protection Class	IP65
Platform Size (1 pc)	428 × 660 × 42 mm
Platform Weight (1 pc)	25 kg
Additional Platform Size	1500 × 650 × 42 mm
Additional Platform Material	Aluminium
Battery Type	2 × AA (alkaline or rechargeable)
Battery Useful Life	Approx. 3 months
Wireless Communication	Up to 20 m

INDICATOR

SPECIFICATION	AS30000
Model	PWI-A
Housing / Material	Plastic
Protection Class	IP65
Display	128 × 64 graphical LCD
Keyboard	Dust- and humidity-resistant, 21 tact-type keys
Battery	12V 7.2Ah
Battery Life	Up to 5 years / approx. 1,500 charge-discharge cycles
Battery Charging Duration	24 hours
Operating Battery Duration	Approx. 8 hours
Charging Voltage	220VAC or 12V vehicle battery

ENVIRONMENTAL CONDITIONS

SPECIFICATION	AS30000
Humidity	10%–95%
Operating Temperature Range	–30°C to +60°C
Storage Temperature Range	–40°C to +75°C