



## DAW 300 Bluetooth® Mobile Weighing System

Weigh-In-Motion without the need for fixed weigh stations. Save time and money with a portable solution that can be installed on any level area within minutes.

### Portable WIM System

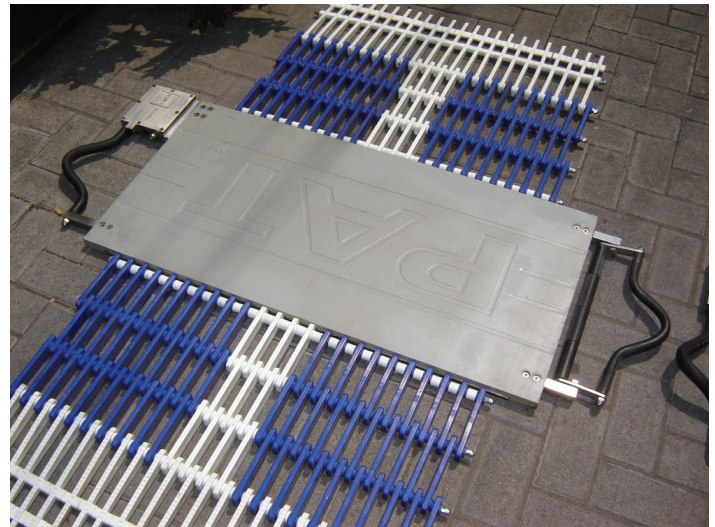
The DAW 300 Bluetooth® is a portable Weigh-In-Motion System with wireless technology. The weighing system can be installed on any level area within minutes. The rated weighing capacity is 20 tonnes (44,000 lbs) per axle, and it can weigh vehicles at speeds up to 10 km/h (6 mph).

Measured loads are sent wirelessly via Bluetooth® wireless technology to a laptop to be displayed on the screen. Limits for single axles, axle groups, and total weight are programmable. Overweights are displayed when pre-programmed weight limits are exceeded.

Weighpads are powered by a Lithium-Ion battery pack that provides 12 to 15 hours of continuous operation. Full recharging time is 3.5 hours, and a smart charger is included with each weighpad.

### Features

- Wireless
- Ramp or shallow-pit installation
- Portable or permanent weighing plates
- Automatic operation available
- Display all violations
- Printouts: gross weight, axle loads, group loads, limits and overloads
- Bluetooth® wireless technology upgrade available for existing units
- Optional electronics with touchscreen PC, high-speed thermal printer, inductive loop inputs, and outputs for controlling signals



DAW 300 weigh pad



Optional DAW 300 electronics: Touchscreen PC and panel printer in shock-tested case

# DAW 300 Bluetooth® Portable Weigh-In-Motion System

## System Operation

The dynamic weighing plates consist of a high-strength thin steel plate. Wire strain gauges are used for measuring the load. The entire weighpad is covered with hot vulcanized neoprene rubber. The weighing plate has handles on either end and the handle opposite to the Bluetooth® antenna is equipped with rollers for easy movement.

For temporary installations the weigh plates can be placed on level ground with approach and departure ramps. For best accuracy the weigh plates can be installed in shallow pits so that their surfaces are flush with the roadway.



Ramp Installation



Pit Installation



Optional Safety Orange Case

Specifications	
Bending Plate	
Size	125 cm x 50.8 cm x 2.8 cm 50 in x 20 in x 1.1in
Weight	71.5 kg 158 lbs
Temperature	-20° C to 70° C -4° F to 158° F
Weight Per Axle	Up to 20,000 kg Up to 44,000 lbs
Speed Range (recommended speeds for best accuracy)	
Ramp Installation	1 to 6 km/h 0.5 to 4 mph
Pit Installation	1 to 10 km/h 0.5 to 6 mph
Accuracy	
Dynamic	±3% at recommended speeds
Wireless Distance	
Bluetooth®	30 m (99 ft); up to 100 m (328 ft)
DAW 300 Electronics (optional)	
Temperature	0° C to 50° C 32° F to 122° F
Power	12 v. DC Battery 60 amp/hour battery provides 12-15 hours use
Computer	Intel Atom, Touchscreen
Outputs	Relay outputs (2) for signals
Inputs	Digital inputs (2) for inductive loops
Printer	Thermal Printer
Case	Black or Safety Orange Shock-tested



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