



**We make
highways
talk™**

- **MANAGEMENT**
- **SAFETY**
- **PRESERVATION**

International Road Dynamics Inc. develops and maintains traffic management products and systems technology that make highways talk. What are they saying? They are providing information that roadway administrators need to manage traffic, preserve infrastructure and provide safety warnings to drivers.

IRD's multi-discipline, innovative and customer-focused team is expert in advanced technologies, advanced traffic solutions and custom-designed systems.



**CUSTOMER
DRIVEN™**

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DySAW Axle Scale System Portable Dynamic Weighing

The popular, field proven, and very durable SAW wheel load scale is now available for dynamic weighing. With the DySAW's user-friendly software it is possible to efficiently pre-select overloaded trucks. Two SAW scales are paired and connected with a PC via the UniMUX multiplexer (cable-based or wireless). The vehicle drives over the scales at slow speed and the weighing result (wheel/axle weights and gross vehicle weight) is displayed on the screen. For weight enforcement with the highest accuracy the system can be switched to static operation mode.

DySAW guarantees high vehicle throughput, especially when using two sets of SAW scales (one set in dynamic mode for pre-selection and one in static mode for weight enforcement).



DySAW Advantages

- Application of SAW scales for static and dynamic weighing operation
- Pre-selection of overloaded trucks
- High vehicle throughput
- High accuracy (Series I - NTEP, Series II - OIML)
- Very efficient weight enforcement



DySAW Axle Scale System

SAW – Technical Data

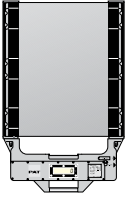
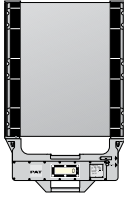
Features:

- OIML certified and PTB approved
- Low profile, lightweight
- Rugged design, corrosion resistant
- Twin-tire weighing
- Integrated digital display (LCD)

Options:

- Dynamic measurement for overload indication
- Dual-scale system configuration with computer based processing for reporting, protocol printing and data archiving

More than **12,000 SAW** units sold worldwide!

		
Model	SAW 10C/II	SAW 15C/II
Weighing Range	0 to 20,000 lbs (0 to 10,000 kg)	0 to 33,000 lbs (0 to 15,000 kg)
Active Weighing Surface (width x length in traffic direction)	22" x 15" (560 mm x 382 mm)	22" x 15" (560 mm x 382 mm)
Dimensions (length x width x height)	31.7" x 20" x 1.1" (805 mm x 508 mm x 29 mm) With optional heavy duty base – 1.5" (38 mm) height	31.7" x 20" x 1.1" (805 mm x 508 mm x 29 mm) With optional heavy duty base – 1.5" (38 mm) height
Weight	49.6 lbs (22.5 kgs)	50.3 lbs (22.8 kgs)
Digital Graduation Value	50 lbs/50 kgs (Other resolutions available)	50 lbs/50 kgs (Other resolutions available)
scale division d	50 kg	50 kg
min load 10d	500 kg	500kg
Accuracy up to 50d (kg)	±25 kgs (55 lbs)	±25 kgs (55 lbs)
up to 200 d	±50 kgs (110 lbs)	±50 kgs (110 lbs)
above	±50 kgs (110 lbs)	±75 kgs (165 lbs)
Certified Temperature Range	-10 °C/+40 °C (14 °F/104 °F)	-10 °C/+40 °C (14 °F/104 °F)
Power Supply AA Batteries 1.5V	6 AA Batteries Approximate Capacity – 10 hours/1000 weighings	6 AA Batteries Approximate Capacity – 10 hours/1000 weighings



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