



INTERNATIONAL ROAD DYNAMICS INC.
www.irdinc.com

SAW10C II

Wheel Load Weigher

**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.

FEATURES

- Low profile for easy access
- Lightweight yet rugged design for long service life
- No damage by air inflated tires at any spot of passage
- High specific load of sensor for solid tire weighing
- Hermetically sealed strain gauges
- Corrosion resistant materials
- Large LC display, backlit
- Powered by long life rechargeable batteries
- Automatic zero control
- Axle load readout with connecting cable between two pads
- Large twin tires up to 720 mm (28 3/8") may jut out as far as they do not touch ground



APPLICATIONS AND BENEFITS

- Weighing and load control of trucks and transport vehicles in road transport, construction, agriculture, forestry and waste disposal
- For general cargo, excavated material, farm produce, logs, refuse
- Check weighing for law enforcement
- In vehicle design and production for determination of wheel and axle load distribution
- For stability tests on special vehicles such as fork lift trucks, also for measurement of outrigger loads on access platforms and smaller cranes
- OIML and EC certificates of conformity



SAW 10C II

TECHNICAL DATA

Weighing range:	500 ... 10.000 kgs (1.000 ... 20.000 lbs)
Resolution:	50 kgs / lbs (standard)
Display:	LCD, 20 mm high, backlit
Accuracy:	
OIML	± 25 kgs (0 ... 2.500 kgs) ± 50 kgs (2.500 ... 10.000 kgs) ± 75 kgs (10.000 ... 15.000 kgs)
USDOC HB44	± 50 lbs (0 ... 5.000 lbs) ± 100 lbs (5.000 ... 15.000 lbs) ± 150 lbs (15.000 ... 30.000 lbs)
Dimensions:	805 x 508 x 32 mm (31.7" x 20" x 1.3") with aluminum base boards 5 mm higher
Active weighing surface	560 mm(22") W x 382 mm(15") L (in traffic direction)
Weight:	22.5 kgs (49.5 lbs)
Temperature range	-20 °C to +40 °C (certified) (+15 °F to +125 °F)
Test:	automatic selftest after switching on for display, battery voltage, sensor and memory
Power supply:	6 rechargeable batteries (for approx. 10 hours operation)



ACCESSORIES AND OPTIONS

- UniMUX multiplexer to connect 2 scales (of an axle) to PC with LoadGUARD software; several UniMUX can be cascaded to connect up to 8 scales (4 axles) to the PC
- Dummy plates
- Access ramps
- Heavy duty or additional base boards

CENTRAL SIGNAL PROCESSING

recording and printing of:

- Wheel loads
- Axle loads
- Multi axle loads
- Gross weight
- Date and time
- Weighing number
- Overload in percent or absolute
- Site and operator number



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Find out more about IRD on our website: www.irdinc.com or email: info@irdinc.com

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