

## LSWIM

- static and dynamic modes
- Designed for heavy traffic and hard using conditions
- Overload enforcement, overload control, in & out control
- Capacity per axle up to 40 000 kg
- Static accuracy: up to OIML R76 Class III
- Scale interval: 20 or 50 kg
- Steel structure, stainless steel load cells
- Alimentation / communication: one measurement cable



**Highly accurate:** systems are individually calibrated with approved dead weights with local gravity correction implemented according to end user location.

**Indisputable:** insensitive to wheel position on the entire platform scale, allowing easy measurement repeatability.

**Speedy:** digital electronics centralize and display in real time axle unit weight, group of axles weight and total vehicle's weight.

**Adaptable:** digital electronics can be provided with external or built-in ticket printer, built-in battery with charger and linked to a computer equipped with LPX software.

**User-friendly:** software which are, according to version, dedicated to overload screening applications or industrial flow management, include end user database as road and highway code with vehicle's classification and attached legal weights or tare weights database for net weights calculation.

**Quality:** top quality components, IP68 waterproof stainless steel load cells, high resistance steel structure, digital electronics housing in metallic box or military quality case.

**Robust:** designed for an extend life span, 12 to 20 years, even in harsh environments.

**Low profile:** only 280 mm deep is necessary for installing the R300 platform with its frame.

**Easy to maintain:** designed for an easy in situ maintenance

## Technical characteristics

Accidental safe overload	120 % minimum
Metrology	4 stainless steel strain gauges load cells type
Scale dimensions	Width. 2940 mm x Length. 700 mm x height. 220 mm
Frame dimensions	Width. 3140 mm x Length. 890 mm x height. 280 mm
Platform scale weight	405 kg
Frame weight	255 kg
Mechanics	Anti-corrosion painting, steel structure
Standard temperature using range (compensated)	-10°C to +40°C
Extended temperature using range	-40°C (with option # 3) to +60°C
Protection index grade	IP65
Static weighing Accuracy	+/- 0.1 % of full scale
LS WIM weighing Accuracy	+/- 2 %