



Main Applications

- Suitable for Dynamic Axle Weigher (Max. axle count 99 and max. speed 5km/h).

Features

- Applicable for occasions that have no high precision requirement, such as overload detection, logistics loading, construction site, mining area, good yard etc.
- Occupying small space
- Dynamic Axle Weigh
- With a special designed over for easy installation and maintenance.
- Load Cell : Protection IP 67
- Speed : Medium accuracy
- Accuracy Class -I
- Load to be measured : Axle load & gross vehicle weight (GVW)

Main Features

- EMC design with high anti-jamming capability, suitable for industrial environment.
- 16-bit green VFD digit display screen for English character and digit display.
- English keypad for Menu&Shortcut operation with key tone.
- Special filtering algorithm for ensuring the weighing stability and accuracy when there is strong vibration on the load receptor, and the rapid response capability when the weight signal changes.
- Auto-locking, Key-locking, Key-unlocking, Digital Setting&Calibration and I/O Testing functions available.
- 2 Optional communication ports for linking to IPC/PLC, remote display & operation terminal, serial printer and wireless module.
- Standard MODBUS communication protocol and support industry configuration software, e.g. iFix.
- The present axle weighing record can be printed automatically and manually.
- The historical axle weighing records can be queried and printed.

Technical Specifications

- Power: AC220V±15%, 50/60Hz, Max. 15W.
- Loadcell Excitation Voltage: DC10V.
- Weighing Signal Input Range: 0~25mV.
- Max. Connection Quantity: 8 Loadcells (350Ω).
- 24-bit Σ - Δ ADC; Max. Sampling Frequency: 400Hz; Non-linearity: 0.005%FS.
- COM1 : RS232. COM2 Optional: RS232/RS485/RS422/Ethernet modules.
- Outline Dimension (W×H×D) :164 × 82 × 188 mm.
- Cut Dimension (W×H) : 153 × 77 mm.
- Service Temperature: -25°C~+40°C
- IP Grade : IP50.



Optional Indicator

Weigh in Motion Weighbridge

WIM Series

Model	WIM-20	WIM-30	WIM-50
Platform Size (WxL)	3 x 0.8 m	3.0 x 0.8 m	3.2 x 2.2 m
Capacity Per Axle (T)	20 Ton	30 Ton	50 Ton
Total Weighing Cap.	100 Ton	160 Ton	200 Ton
Graduation	10 kg	10 kg	20 kg
Verification Class	Class I		
Dynamic Precision (Axle)	At speed ≤5 kmph, 2% of GVW		
Safe overload	150% F.S		
Weighing speed	≤5km/h		
Power	230 Vac, 50Hz, Max 15W		
No. Of Loadcells	4	4	4