



## “Masterweigh 6” Electronic Integrator

“Masterweigh 6” is a precision microprocessor based electronic Integrator, designed for use with the Web Tech AutoWeigh range of continuous weighing systems, or for retrofitting load cell based systems from other manufacturers. It is typically suitable for the following weighing applications:

- Conveyor Belt Scales
- Weigh Belt Feeders
- Screw Weighing Systems

### STANDARD FEATURES

- Microprocessor based.
- IP66 reinforced polyester enclosure.
- Modular in design – easily serviceable.
- Simple menu driven interface.
- Integral keypad with calibration “Hotkeys”.
- 2 x 40 character backlit LCD display.
- All commands in simple English – No hieroglyphics or codes used.
- 8 digit Mass Rate display.
- 8 digit Mass Total display.
- Isolated 4-20mA Rate output.
- Remote Totaliser output.
- “Weigher Healthy” relay output.
- Programmable “Auto Zero Tracking” function
- Service menus allow load cell and speed sensor values to be read without the need for test meters.
- Automatic Zero & Span calibrations.
- CE tested and approved.

### OPTIONAL FEATURES

- 304 or 316 stainless steel enclosure.
- Sloping roof enclosures.
- Stainless steel sunshade.
- DIP enclosure.
- Intrinsic Safety barriers.
- Load cell lightning surge protection.
- RS232/RS485 serial output.
- Real time clock for optional printer.
- Special applications software
- DeviceNet, EtherNet, Profibus



Standard IP66 Reinforced Polyester Enclosure



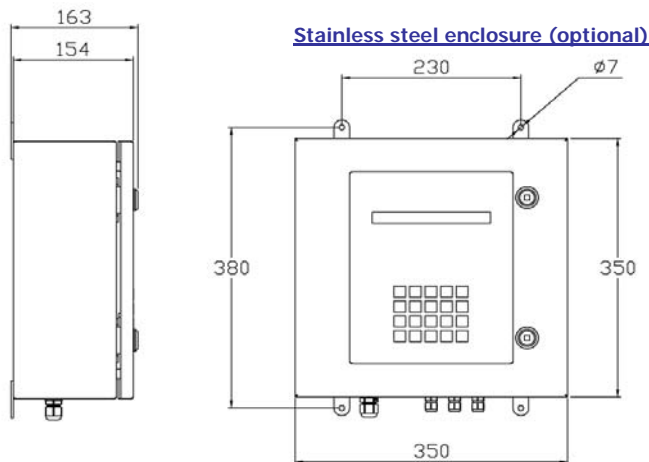
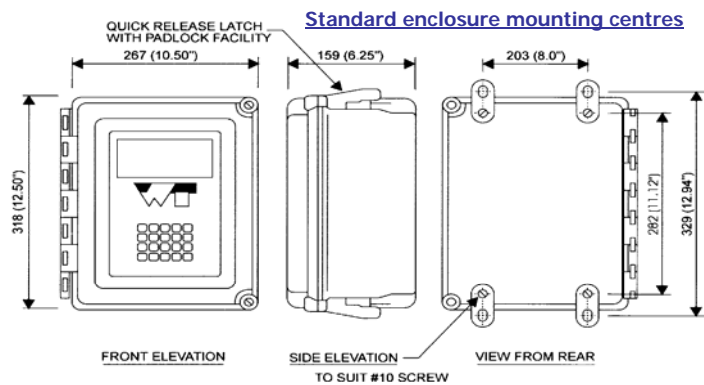
Optional stainless steel enclosure



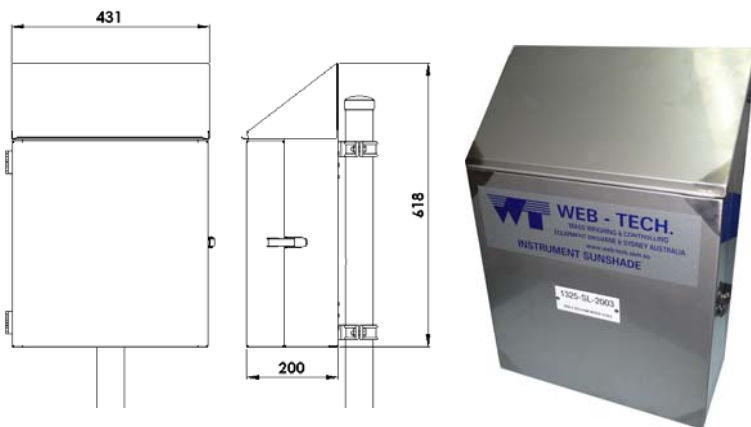
Optional Retrofit Kit

Web Tech AutoWeigh

Manufacturers & designers of bulk solids weighing & proportioning systems



**Stainless steel sunshade (optional)**



**Technical Specification**

**Power Requirements:** 110/240 VAC (switch selectable) +/- 10%, 50/60Hz. 12/24/48 VDC optional.

**Temperature Range:** -10°C to +40°C.  
Optional enclosure heater for lower temperatures.  
Optional high temperature screen -10°C to +60°C.

**Load Cell Excitation:** 10 VDC, up to eight (8) 350 ohm load cells.

**Load Cell Input:** 0 – 35mV.

**Speed Sensor Excitation:** 5 VDC to 15 VDC.

**Speed Sensor Input:** -50 V to +50 V DC or AC RMS. Maximum input frequency 800 Hz.

**Analogue Output:** Isolated 4-20mA for Mass Rate, internally supplied.

**Totaliser Output:** 5 VDC/24 VDC/Voltage Free Contacts (link selectable). Relay output: 5/24V Internal supply. Max switched current : 500mA Pulse width programmable from 10 mS to 1 second.

**Serial communication:** RS 232/RS 485

**Field bus options:** Profibus  
DeviceNet  
EtherNet

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