

- A microprocessor and 18-bit A-D converter to provide high accuracy.
- Very low zero and gain temperature drift.
- Display up to 19999
- Proven high reliability achieved by the use of robust push buttons rather than membrane switch.
- Ratio-metric operation.
- Low level strain gauge input levels
- Peak with indefinite hold (save even with auto-power down).
- Can be adapted to other manufactures of loadcells
- Large 15mm L.C.D. display characters
- Auto power down
- Low battery indication
- 5 Volt D.C. bridge excitation
- Overload display.



Specification

Gain Stability: Typically 0.002% per °C.

Zero Stability: Typically 0.0007% per °C.

Sensitivity: Input from strain gauge bridge Min 1.0mv/V to Max 5mv/V.

Temp. Range: 0.0°C to 50.0°C.

Bridge Excitation: 5.0 +/- 0.25 volts D.C. @ up to 25mA bridge current.

DISPLAY INFORMATION

Tare: +/- 15% of full-scale reading including bridge offset.

Decimal Point: During initial set up can be positioned to the right of any of the four significant digits or off.

Conversation Rate: 10 conversations and display updates per second.

Peak: Flashing colons indicate that the monitor is in the peak mode.

BATTERY

Supply: 1xPP3 9Volts Battery**

Auto Power Down: 15 minutes after last button pressed.

Battery Life: Typically 50 hours from a 500mA hr battery using a 700ohm bridge.

Note** we can supply mains power option if required.