

Weighing Indicator/Controller**Features**

- 6 Digit LCD Display
- Stainless Steel Enclosure
- IP65 Case
- Simple Calibration Routine
- Powers up to 8 Load Cells
- Option : 4-20mA, 0-5V and 0-10V outputs
- Option : AC or DC power
- Option : 2 x Optoisolated I/O ports

**Introduction**

The unit features a stainless steel, splash proof sealed enclosure (165mm x 110mm x 60mm) complete with mounting brackets suitable for heavy industrial use. Loaded software includes full range zero, preset tare, tare/tare recall, weighcount, peak, freeze and silo modes as standard and special software writes are available upon request.

The Junior can be supplied with a choice of 18mm x 6 LED or LCD displays and is capable of handling up to 8 load cells.

The Junior incorporates a 24bit A-D, simple calibration routine and menu selections.

Versatile power options to suit all applications are also available; the Junior can be supplied with an internal 110-250VAC SMPS, an internal 1000mAh NiNh battery pack and charger or requiring a basic DC input from either battery or adaptor. Additional factory fitted options include RS232C communications for interfaces to printers or computers, 16 bit 4-20mA, 0-5V, 0-10V analogue outputs for data logging, 2 x optoisolated I/O ports, time and date, 8k x 8 FRAM memory expansion capability and a second weighing input ideal for left and right vehicle applications.

Specifications**Parameters**

Display	6 digits, 18mm high LCD or LED (optional)
Membrane	Polyester, tactile action
Enclosure	Splash proof, 165mm x 110mm x 60mm high grade stainless steel. Mounting bracket 202mm centre, M6 clearance.
Operating Temperature	-10 to +40 degrees C
Load Cell Capability	Up to 8 x 300 ohms load cells
Conversion	24 bit Sigma Delta A-D
Input Range	0-150mV linearity : 0.0015% FS
Temperature Drift	2ppm per degrees C
Update Speed	7ips or 30ips - user selectable
Internal Resolution	300,000 counts for 10mV input (2mV/V load cell)
Display Resolution	6000 divisions (optional)
Calibration	Keyboard Routine
Power (Mains Option)	75-250VAC, 50/60Hz auto selection.
Power (DC Option)	6-26VDC
Power Consumption	LCD version operating 10mA, LED version operating 130mA. (Add 16mA per 300 ohm load cells)



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