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**Trancell Loadcell Indicators**

**With Cattle Motion Filtering**

The Trancell TI-500 Series Digital Indicator is a general purpose, industrial grade weight indicator featuring piece counting operation and cattle motion filtering making it ideal for livestock load beam scale applications.

The TI-500 can readout up to 50,000 display divisions and can supply enough current for up to 8-350Ω load cells. All setup parameters may be entered via the front panel keys, including calibration.

Massload offers 2 models. The standard TI500 readout is housed in an ABS plastic case, while the TI500SSB is housed in a Stainless Steel case and has an internal 6V rechargeable battery.

Be assured of reliable and accurate weighing using this readout.



**Specifications**

Full Scale Input Signal	30mV, including deadload
Minimum Sensitivity	Non H-44: 0.4μV/grad; H-44: 1.0μV/grad
Input Impedance	30MΩ, typical
Internal Resolution	Approximately 260,000 counts
Display Resolution	50,000 display divisions max
Measurement Rate	10Meas/sec
System Linearity	Within 0.02% of full scale
Calibration Method	Software calibration with long term storage in EEPROM
Excitation Voltage	TI500:+10VDC, 4 x 350Ω load cells, TI500SSB:+5VDC, 4 x 350Ω load cells
Digital Filtering	Software Selectable
Serial Port	Full Duplex, 1200, 2400, 4800, 9600 baud (8n1)
Display	0.8" (20mm) 7 segment, Grey Liquid Crystal, 6 digit
Standard AC Power	AC Adapter 12VDC @ 800mA
DC Power Consumption	TI500: 80mA + 30mA/350Ω load cell; TI500SSB: 80mA + 15mA/350Ω load cell
Additional Symbols	Net, Gross, Stable, Tare, lb, kg, Zero, PCS
Operating Temperature	-10°C to +40°C (Storage: -25°C to +70°C)
Overall Dimensions	TI500: 8.5" x 3.0" x 4.6"; TI500SSB: 10.4" x 3.1" x 7.7"
NTEP Approval	Class III/IIIL COC 00-017
Canadian Legal Branch of Metrology	Class III Approval No.

