

# TI-500ESS



The TI-500ESS is an NTEP approved rugged industrial digital indicator housed in a stainless steel NEMA 4X enclosure. It comes with a large 0.6" LED display for easy readout of up to 50,000 display divisions, and has power for up to 4-350Ω load cells. All setup parameters may be entered via the front panel keys and are shared with other TI series indicators for consistently easy and trouble free use and maintenance. The TI-500ESS uses full duplex RS-232 serial format for communication with many types of attached support equipment. The unit can transmit data on demand, or continuously in a popular data protocol to match a wide variety of printers, remote displays, or personal computers. A piece counting function is also included.



# TI-500ESS

## ENIGMA DIGITAL INDICATOR

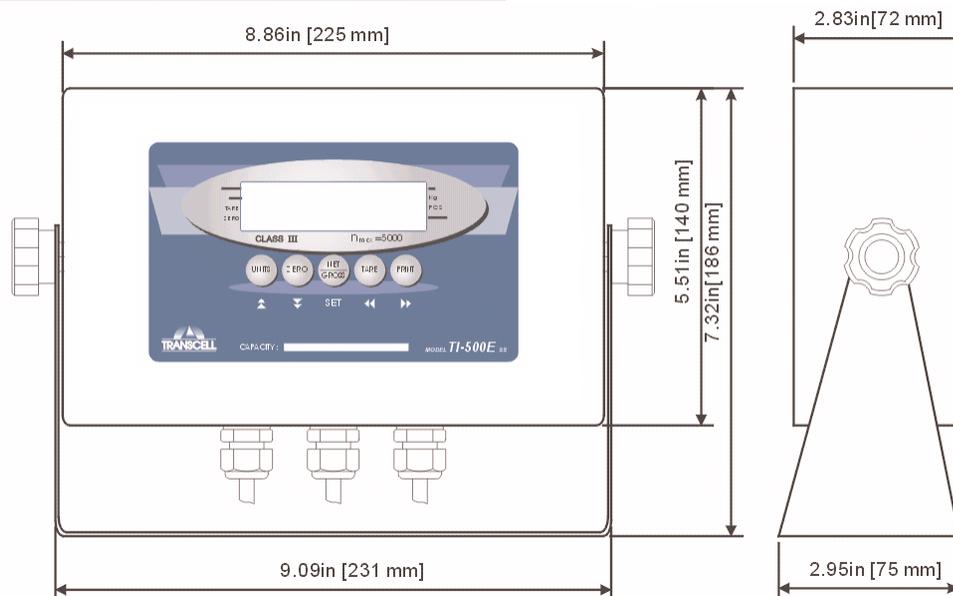
### STANDARD FEATURES & BENEFITS

- ▷ High Quality / Low Cost
- ▷ NTEP Approved for 5,000 Divisions
- ▷ Stainless Steel NEMA 4X Enclosure
- ▷ Full Duplex RS-232 Serial Port
- ▷ Easy to Read LED Display
- ▷ Displays up to 50,000 graduations
- ▷ Drives up to four 350Ω Load Cells
- ▷ Full Front Panel Configuration
- ▷ Stainless Steel Swivel Stand

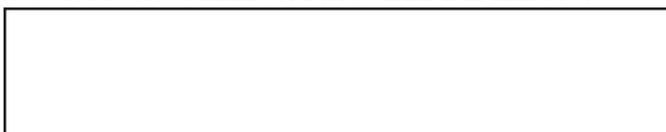
### Specifications:

**Load Cell Excitation:** +10 VDC  
**Load Cell Current:** Drives up to four 350Ω Load Cells  
**Analog Signal Input Range:** 0.2 mV/V min to 3.0 mV/V max  
**Analog Sensitivity:**  
0.4 μV/grad, minimum  
1.0 μV/grad recommended minimum for Legal-for-Trade  
**A/D Conversion Rate:** Up to 25 meas/sec  
**A/D Resolution:** Up to 260,000 Internal Counts  
**Display:** 0.6", 6 Digit LED Display  
**Display Resolution:** Up to 50,000 External Grads, Selectable  
**Key Functions:** Units, Zero, Net/Gross, Tare, Print

**Annunciators:** Gross, Net, kg, lb, Center of Zero, Stable, Tare, Negative, PCS  
**Serial Port:** Full Duplex RS-232 Format  
**Power Requirement:** 110/220 VAC, 50/60 HZ  
**DC Power Consumption:** 200 mA + 30 mA/350Ω Load Cell  
**Operating Temperature:** 14°F to 104°F (-10°C to 40°C)  
**Indicator Dimensions:** 9.0" x 5.5" x 2.9"  
**Warranty:** 1 Year Warranty  
**NIST Classification:**  
H-44 Class III at 5,000 Divisions  
C.O.C.#94-080A2



**YOUR AUTHORIZED TRANSCCELL DEALER IS:**



Specifications and features subject to change without notice.  
5-15-03



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