

# TI-500E



## INDICATOR

The TI-500E is an NTEP and Canadian certified digital indicator housed in a durable black ABS enclosure. It is equipped with a large easy to read 0.6" LED display. Capable of powering up to 4-350 $\Omega$  load cells, this simple device can handle a multitude of functions. A full duplex RS-232 port can transmit data on demand or continuously to match the input requirements of a wide variety of peripheral devices including printers, remote displays and computers. The setup and calibration parameters are shared with other TI series indicators for consistently easy and trouble free use and maintenance. The TI-500E is the leader in reliable performance and value.



**TRANSCCELL TECHNOLOGY, INC.**

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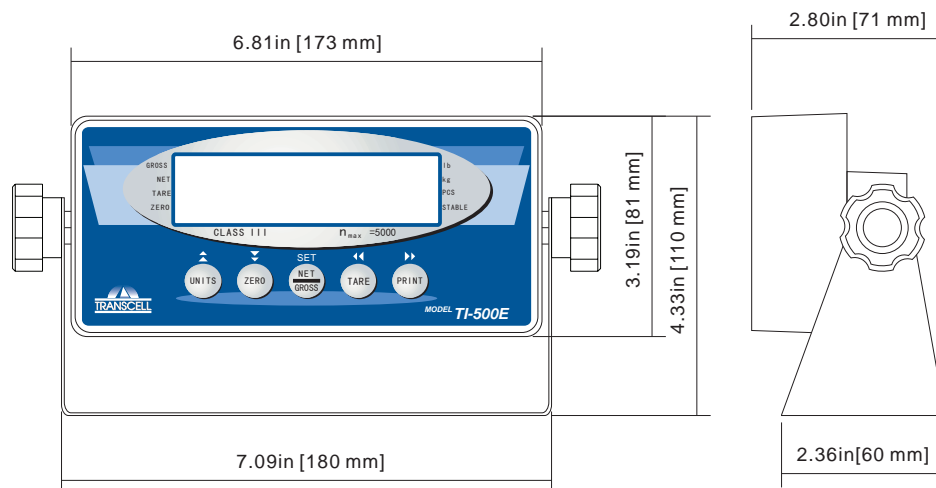
## Standard Features & Benefits:

- **DIVISIONS-** NTEP certified for 5,000 Divisions
- **CERTIFIED FOR USE IN CANADA**
- **SERIAL PORT-** Full duplex RS-232 Serial Port - demand or continuous
- **STAND-** Stainless Steel swivel stand
- **DISPLAY-** Easy to read LED
- **FULL FRONT PANEL CONFIGURATION**
- **DISPLAYS-** Up to 50,000 Graduations
- **ENCLOSURE-** ABS NEMA 12 Enclosure
- **LOAD CELLS-** Drives up to four 350 Ω Load Cells
- **DIGITAL CALIBRATION-** Full front panel calibration
- **POWER REQUIREMENTS-** Operates on AC Adapter or 12 Volt DC
- **HIGH QUALITY/LOW COST**
- **SIMPLE PIECE COUNTING FUNCTION**

## Specifications:

<b>Load Cell Excitation:</b> +5 VDC	<b>Keyboard Functions:</b> Units, Zero, Net/Gross, Tare, Print
<b>Load Cell Current:</b> Drives up to four 350 Ω Load Cells	<b>Annunciators:</b> Gross, Net, kg, lb, Center of Zero, Stable, Tare, Negative, PCS
<b>Analog Signal Input Range:</b> +/- 3.125 mV/V max	<b>Serial Port:</b> Full Duplex RS-232C
<b>Analog Sensitivity:</b> 0.3 μV/grad, minimum 0.6 μ/grad, recommended minimum for Legal-for-Trade	<b>Power Requirement:</b> 9 VDC, switching wall adapter included (Input 100-240 VAC, 50/60 Hz)
<b>A/D Conversion Rate:</b> 10 Hz	<b>DC Power Consumption:</b> 200 mA + 15 mA/350 Ω Load Cell
<b>A/D Resolution:</b> Up to 200,000 Internal Counts @ 3 mV/V	<b>Indicator Dimensions:</b> 3.2" x 6.8" x 2.3" (81mm x 173mm x 60mm)
<b>Display:</b> 0.6", 6 Digit LED, Green	<b>Operating Temperature:</b> 14°F to 104°F (-10°C to 40°C)
<b>Display Resolution:</b> Up to 50,000 external grads	
<b>NIST Classification:</b> H-44 Class III at 5,000 Divisions NTEP CC 94-080A3	
<b>Canadian Approval No.:</b> AM-5800C	
<b>Warranty:</b> 1 year limited warranty applies	

## Dimensions:



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*Specifications and features subject to change without notice.*