



## INDICATOR

The TI-500E PLUS is an NTEP approved digital indicator housed in a durable aluminum enclosure. It is equipped with an easy to read 0.6" LED display. Capable of powering up to 4-350Ω 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 PLUS is an upgrade to the reliable performance and value found in the TI-500E.



# TI-500E-PLUS

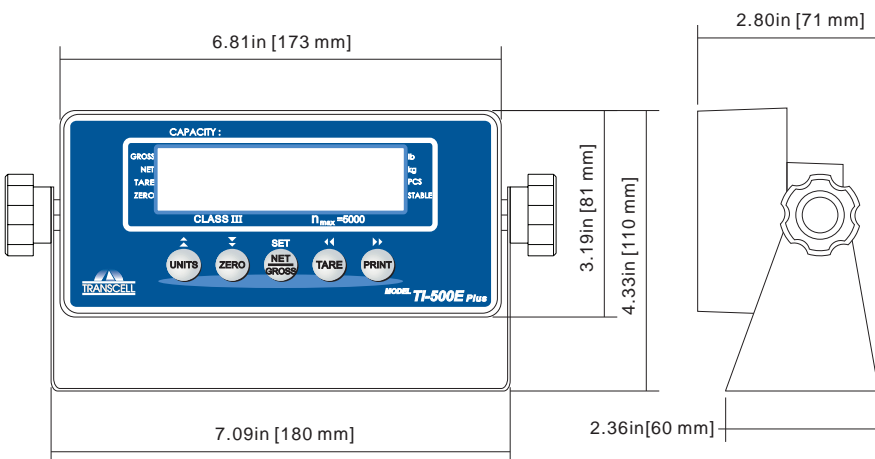
## Standard Features & Benefits:

- **DIVISIONS-** NTEP approved for 5,000 Divisions
- **DISPLAYS-** Up to 50,000 Graduations
- **SERIAL PORT-** Full duplex RS-232 Serial Port - demand or continuous
- **CONSTRUCTION-** Stainless Steel swivel stand
- **MULTI-POINT DIGITAL CALIBRATION**
- **FULL FRONT PANEL CONFIGURATION**
- **ENCLOSURE-** Aluminum / Steel NEMA 12 Enclosure
- **LOAD CELLS-** Drives up to four 350  $\Omega$  Load Cells
- **DISPLAY-** LED
- **POWER REQUIREMENTS-** Operates on AC Adapter or 9 Volt DC
- **HIGH QUALITY/LOW COST**
- **SPECIAL APPLICATIONS-** Piece Counting, Remote Display, Peak Hold

## 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 $\Omega$ 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-232 Format
<b>Analog Sensitivity:</b> 0.3 $\mu$ V/grad, minimum 0.6 $\mu$ V/grad, recommended minimum for Legal-for-Trade	<b>Power Requirement:</b> 9 VDC, 500 mA Wall Adapter included
<b>A/D Conversion Rate:</b> 10 HZ / 80 HZ Selectable	<b>DC Power Consumption:</b> 200 mA + 15 mA/350 ohm Load Cell
<b>A/D Resolution:</b> Up to 260,000 Internal Counts @ 2 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 Display	<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 C.O.C. #94-080A2	
<b>Warranty:</b> 1 year	

## Dimensions:



## Options:

- **Analog output:** 16-Bit, 0-5 VDC (active), 4-20 mA (passive)
- **Communication:** Bluetooth or RS-485
- **Time/Date & Programmable print format**



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Version 1.5, 9/17/08

**YOUR AUTHORIZED TRANSCCELL DEALER IS:**



*Specifications and features subject to change without notice.*



## INDICATOR

The TI-500 PLUS is an NTEP approved digital indicator housed in a durable aluminum enclosure. It is equipped with an easy to read 0.9" LCD display with back light. 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. Best of all, the TI-500 PLUS can be operated on AA Alkaline batteries or rechargeable batteries. The TI-500 PLUS is an upgrade to the reliable performance and value found in the TI-500.



# TI-500 PLUS

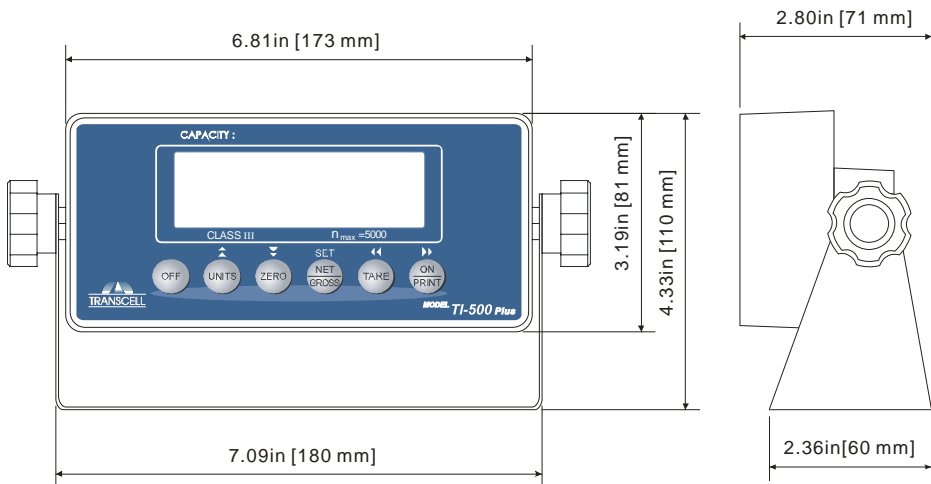
## Standard Features & Benefits:

- **DIVISIONS-** NTEP approved for 5,000 Divisions
- **DISPLAYS-** Up to 50,000 Graduations
- **SERIAL PORT-** Full duplex RS-232 Serial Port - demand or continuous
- **STAND-** Stainless steel swivel stand
- **DISPLAY-** Backlit LCD
- **FULL FRONT PANEL CONFIGURATION**
- **AUTO SHUTOFF-** Extends battery life
- **ENCLOSURE-** Aluminum / Steel NEMA 12 Enclosure
- **LOAD CELLS-** Drives up to four 350  $\Omega$  Load Cells
- **MULTI-POINT CALIBRATION**
- **POWER REQUIREMENTS-** Operates on AC Adapter, Alkaline, or rechargeable batteries
- **AUTO WEIGHT CAPTURE-** For unstable and live loads
- **APPROX. BATTERY LIFE-** 28 hours continuous use
- **SPECIAL APPLICATIONS-** Piece Counting, Remote Display, Peak Hold, Animal Hold

## Specifications:

<b>Load Cell Excitation:</b> 5 VDC	<b>Keyboard Functions:</b> Off, Units, Zero, Net/Gross, Tare, On/Print
<b>Load Cell Current:</b> Drives up to four 350 $\Omega$ Load Cells	<b>Annunciators:</b> Gross, Net, kg, lb, Center of Zero, Stable, Tare, Negative, PCS, Low Battery
<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 $\mu$ V/grad, minimum 0.6 $\mu$ V/grad, recommended minimum for Legal-for-Trade	<b>Power Requirement:</b> 6 VDC, 100 mA wall adaptor
<b>A/D Conversion Rate:</b> 10 Hz/80 Hz Selectable	<b>DC Power Consumption:</b> 20 mA + 15 mA/350 $\Omega$ Load Cell
<b>A/D Resolution:</b> Up to 260,000 Internal Counts @ 2 mV/V	<b>Battery:</b> Operates on AA alkaline batteries (1.5V) or AA rechargeable batteries (1.2V)
<b>Display:</b> 0.9", 6 Digit LCD w/LED backlight	<b>Indicator Dimensions:</b> 3.2" x 6.8" x 2.3" (81mm x 173mm x 60mm)
<b>Display Resolution:</b> Up to 50,000 external grads	
<b>NIST Classification:</b> H-44 Class III at 5,000 Divisions C.O.C. #94-080A2	
<b>Operating Temperature:</b> 14°F to 104°F (-10°C to 40°C)	
<b>Warranty:</b> 1 year limited warranty applies	

## Dimensions:



## Options:

- Analog output:** 16-Bit, 0-5 VDC (active), 4-20 mA (passive)
- Communication:** Bluetooth or RS-485
- Time/Date & Programmable print format**

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