



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 4-350 Ω 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

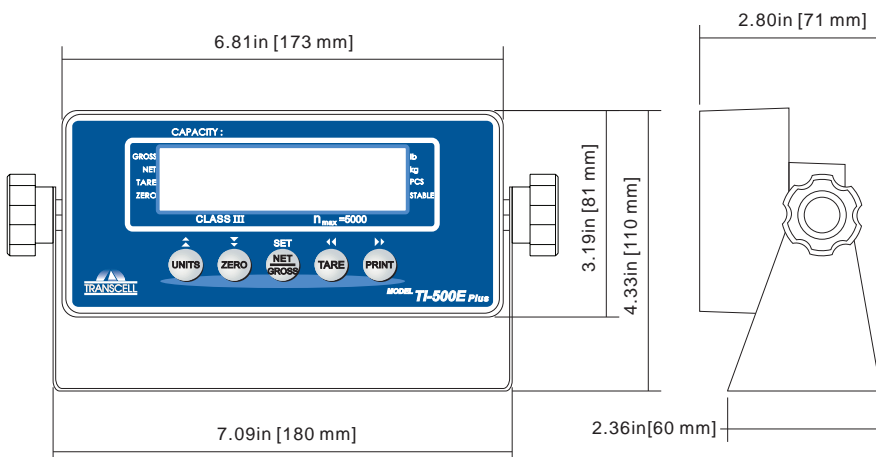
Standard Features & Benefits:

- **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 Ω 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:

Load Cell Excitation: +5 VDC	Keyboard Functions: Units, Zero, Net/Gross, Tare, Print
Load Cell Current: Drives up to four 350 Ω Load Cells	Annunciators: Gross, Net, kg, lb, Center of Zero, Stable, Tare, Negative, PCS
Analog Signal Input Range: +/- 3.125 mV/V max	Serial Port: Full Duplex RS-232 Format
Analog Sensitivity: 0.3 μ V/grad, minimum 0.6 μ V/grad, recommended minimum for Legal-for-Trade	Power Requirement: 9 VDC, 500 mA Wall Adapter included
A/D Conversion Rate: 10 HZ / 80 HZ Selectable	DC Power Consumption: 200 mA + 15 mA/350 ohm Load Cell
A/D Resolution: Up to 260,000 Internal Counts @ 2 mV/V	Indicator Dimensions: 3.2" x 6.8" x 2.3" (81mm x 173mm x 60mm)
Display: 0.6", 6 Digit LED Display	Operating Temperature: 14°F to 104°F (-10°C to 40°C)
Display Resolution: Up to 50,000 external grads	
NIST Classification: H-44 Class III at 5,000 Divisions C.O.C. #94-080A2	
Warranty: 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





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 Ω 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.

TRANSCCELL TECHNOLOGY, INC.

TI-500 PLUS

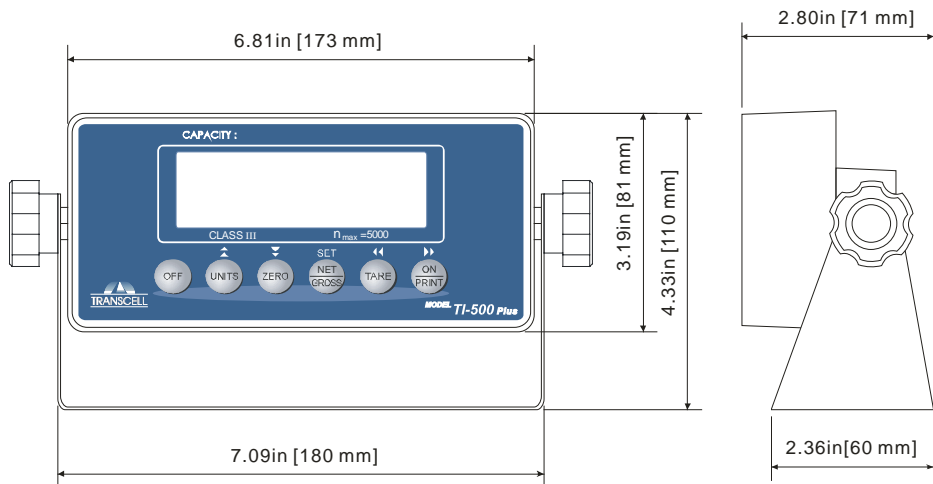
Standard Features & Benefits:

- **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 Ω 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:

Load Cell Excitation: 5 VDC	Keyboard Functions: Off, Units, Zero, Net/Gross, Tare, On/Print
Load Cell Current: Drives up to four 350 Ω Load Cells	Annunciators: Gross, Net, kg, lb, Center of Zero, Stable, Tare, Negative, PCS, Low Battery
Analog Signal Input Range: +/- 3.125 mV/V max.	Serial Port: Full Duplex RS-232C
Analog Sensitivity: 0.3 μ V/grad, minimum 0.6 μ V/grad, recommended minimum for Legal-for-Trade	Power Requirement: 6 VDC, 100 mA wall adaptor
A/D Conversion Rate: 10 Hz/80 Hz Selectable	DC Power Consumption: 20 mA + 15 mA/350 Ω Load Cell
A/D Resolution: Up to 260,000 Internal Counts @ 2 mV/V	Battery: Operates on AA alkaline batteries (1.5V) or AA rechargeable batteries (1.2V)
Display: 0.9", 6 Digit LCD w/LED backlight	Indicator Dimensions: 3.2" x 6.8" x 2.3" (81mm x 173mm x 60mm)
Display Resolution: Up to 50,000 external grads	
NIST Classification: H-44 Class III at 5,000 Divisions C.O.C. #94-080A2	
Operating Temperature: 14°F to 104°F (-10°C to 40°C)	
Warranty: 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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