

# TI-500RF



 Bluetooth®

## INDICATOR

The TI-500RF is a wireless capable NTEP certified digital indicator housed in a durable aluminum enclosure. It is equipped with a large easy to read 0.8" LCD display and capable of driving 8-350 $\Omega$  conventional load cells. The TI-500RF can also work wirelessly with an optional TI-500RFTM wireless weighing module. This simple device can handle a multitude of functions.

A full duplex RS-232 port or an optional Bluetooth module 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 unit can also be remotely configured through a serial port.

The TI-500RF is the leader in reliable performance and value.



**TRANSCCELL TECHNOLOGY, INC.**

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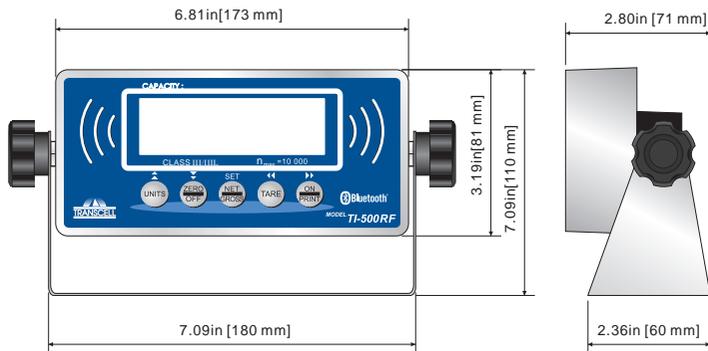
## Standard Features & Benefits:

- **DIVISIONS**- Certified for 10,000 Divisions
- **OPTIONAL WIRELESS**- Bluetooth Class I module
- **STAND**- Stainless Steel swivel stand
- **DISPLAY**- Easy to read LCD w/LED backlight
- **FULL FRONT PANEL CONFIGURATION**
- **DISPLAYS**- Up to 50,000 Graduations
- **TIME/DATE**
- **MULTIPOINT CAL**- Linearization
- **NTEP Certified**
- **ENCLOSURE**- Aluminum/ABS NEMA 12 Enclosure
- **LOAD CELLS**- Drives up to eight 350 Ω Load Cells
- **DIGITAL CALIBRATION**- Full front panel calibration
- **POWER REQUIREMENTS**- 4-14 VDC
- **BATTERY**- 4 AA Alkaline
- **HIGH QUALITY/LOW COST**
- **UNITS**- lb, kg, g, and oz
- **SPECIAL APPLICATIONS**- Remote Display, Peak Hold, Checkweighing, Accumulation, Self-diagnostics

## Specifications:

<b>Load Cell Excitation:</b> +3.3 VDC	<b>Keyboard Functions:</b> Units, Zero/off, Net/Gross, Tare, On/Print
<b>Load Cell Current:</b> Drives up to eight 350 Ω Load Cells	<b>Annunciators:</b> Gross, Net, kg, lb, Center of Zero, Stable, Tare, Negative, low battery
<b>Analog Signal Input Range:</b> +/- 3 mV/V max	<b>Serial Port:</b> Full Duplex RS-232C, optional bluetooth
<b>Analog Sensitivity:</b> 0.3 μV/grad, minimum 0.6 μV/grad, recommended minimum for Legal-for-Trade	<b>Power Requirement:</b> 4-14 VDC
<b>A/D Conversion Rate:</b> 10 Hz / 80 Hz selectable	<b>DC Power Consumption:</b> 50mA + 10 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> 0.8", 6 Digit LCD w/LED backlight	<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>Measurement Canada:</b> Pending
<b>NTEP CC:</b> 12-002	
<b>Enclosure:</b> Aluminum / ABS	
<b>Warranty:</b> 1 year limited warranty applies	

## Dimensions:



## Options:

Communication: Bluetooth, WLAN or RS-485

Analog output: 16-Bit, 0-5 VDC (active),  
4-20 mA (passive)

TI-500RFTM remote wireless A/D shown  
below (Includes BT option)

Built-in Relays (6V or 12V)



Version 1.6, 1/10/11

**YOUR AUTHORIZED TRANSCELL DEALER IS:**

*Specifications and features subject to change without notice.*

  
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