

# TI-500SL



## INDICATOR



The TI-500SL is a rugged, industrial, NTEP approved digital indicator housed in a NEMA 4X stainless steel enclosure. It comes with a large 0.8" backlit LCD screen for easy readout of up to 50,000 display divisions, and supplies enough current for up to 4-350 $\Omega$  load cells. All setup parameters may be entered via the front panel keys. The TI-500SL uses full duplex RS-232 serial format for communication with many types of attached support equipment. The TI-500SL is configured with a rechargeable lead acid battery. An AC adapter is included for continuous power operation and to recharge the lead acid battery.

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## Standard Features & Benefits:

- **DIVISIONS-** NTEP approved for 5,000 Divisions: OIML for 3,000
- **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

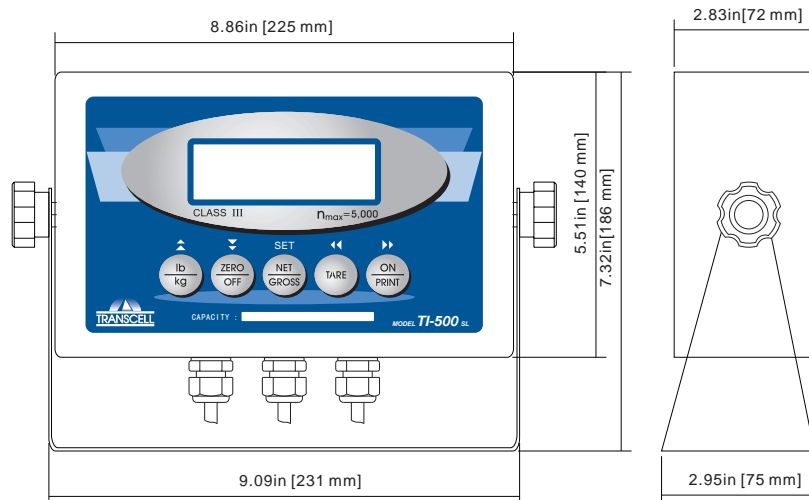
- **ENCLOSURE-** Stainless Steel NEMA 4x / IP65
- **LOAD CELLS-** Drives up to four 350  $\Omega$  Load Cells
- **DIGITAL CALIBRATION-** Full front panel calibration
- **POWER REQUIREMENTS-** Operates on AC Adapter or rechargeable Lead Acid Battery
- **APPROX. LEAD ACID BATTERY LIFE-** 29 hours\*

\*Battery life will vary depending on number and type of load cells used, duration of backlight, temperature, and other factors.

## Specifications:

<b>Load Cell Excitation:</b> +4.7 VDC	<b>Keyboard Functions:</b> Units, Zero/Off, 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
<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> 12 VDC, 800 mA wall adaptor
<b>A/D Conversion Rate:</b> 10 Hz	<b>DC Power Consumption:</b> 50 mA + 13 mA/350 $\Omega$ Load Cell
<b>A/D Resolution:</b> Up to 280,000 Internal Counts @ 2 mV/V	<b>Battery:</b> 6-Volt 3Ah Internal Rechargeable Lead Acid
<b>Display:</b> 0.8", 6 Digit LCD w/LED backlight	<b>Charging time:</b> 44 hours, fully discharged battery
<b>Display Resolution:</b> Up to 50,000 external grads	<b>Indicator Dimensions:</b> 8.9" x 5.5" x 2.9" (231 mm x 140 mm x 72 mm)
<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:



  
**TRANSCCELL TECHNOLOGY, INC.**



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