

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 Ω 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.



TRANSCCELL TECHNOLOGY, INC.

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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

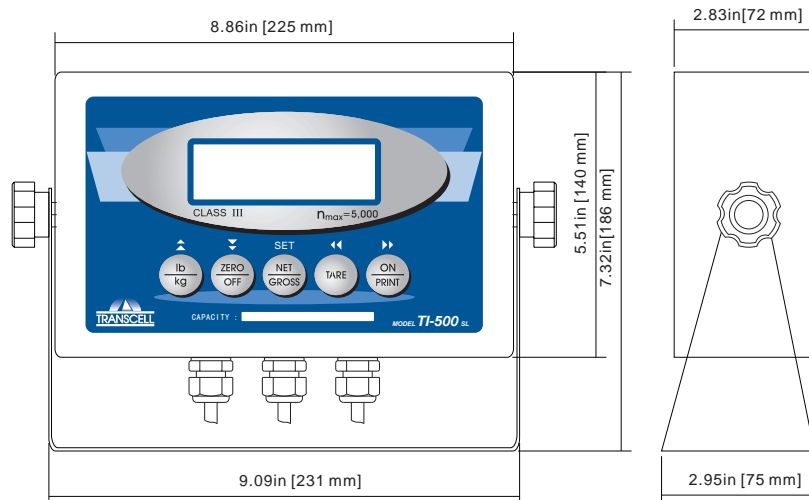
- **ENCLOSURE-** Stainless Steel NEMA 4x / IP65
- **LOAD CELLS-** Drives up to four 350 Ω Load Cells
- **DIGITAL CALIBRATION-** Full front panel calibration
- **POWER REQUIREMENTS-** Operates on AC Adapter or rechargeable Lead Acid Battery
- **APPROX. LEAD ACID BATTERY LIFE-** 29 hours*

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

Specifications:

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



TRANSCCELL TECHNOLOGY, INC.

975 Deerfield Pkwy, Buffalo Grove, IL 60089
Tel (847) 419-9180 Fax (847) 419-1515

(800) 503-9180

www.transcell.net

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Specifications and features subject to change without notice.