

TI-1500 SERIES



The TI-1500 Series are available in either an ABS NEMA 12 or a Stainless Steel NEMA 4X enclosure. These are general purpose NTEP approved at 10,000 division digital indicators. The TI-1500 and TI-1520 are equipped with a bright 1" LED display for easy viewing. Both units are capable of displaying up to 50,000 display divisions and supply enough current to drive 8-350 Ω load cells. This Series comes standard with a full duplex RS-232, simplex RS-232C and a simplex passive 20 mA current loop serial port.

TI-1500 SERIES

ENIGMA DIGITAL INDICATOR

STANDARD FEATURES & BENEFITS

- ▷ Heavy Duty ABS NEMA 12 Enclosure (TI-1500)
- ▷ Heavy Duty Stainless Steel NEMA 4X Enclosure (TI-1520)
- ▷ NTEP and Canadian Approved for 10,000 Divisions
- ▷ CE Electromagnetic Compatibility
- ▷ Internal Power Supply
- ▷ Full Duplex RS-232 Serial Port
- ▷ Simplex RS-232 / 20mA Current Loop Serial Port
- ▷ Gross/Net/Tare Print Ticket Mode with 6 Digit ID Number
- ▷ Easy to Read LED Display (TI-1500 & TI-1520)
- ▷ Piece Count Mode
- ▷ Custom Unit
- ▷ Time / Date Option Available
- ▷ Displays up to 50,000 Graduations
- ▷ Drives up to eight 350 Load Cells
- ▷ Full Front Panel Configuration
- ▷ Heavy Duty Swivel Mounting Stand
- ▷ Watchdog Circuitry

Specifications:

Load Cell Excitation: +10 VDC
Load Cell Current: Drives up to eight 350Ω load cells
Analog Signal Input Range: 0.2 mV/V min to 3.0 mV/V max
Analog Sensitivity: 0.4 V/grad, minimum
1.0 μV/grad recommended minimum for
Legal-for-trade

A/D Conversion Rate: Up to 25 measures second
Electromagnetic Compatibility: Directive No. 89/336/EEC,
EN50082-1, EN61000-4, EN55011

Current Consumption:
TI-1500/TI-1520: 200mA + 30mA per 350 Ω Load Cell

A/D Resolution: Up to 300,000 internal counts at 3 mV/V

Canadian Weight & Measurements:
General Class III at 10,000 divisions
Approval Number AM-5305

Display:
TI-1500/TI-1520: 1.0", 6-Digit LED, Green
Display Resolution: Up to 50,000 external grads, selectable
NIST Classification:

H-44 Class III / IIII at 10,000 divisions C.O.C. #99-017

Key Functions: Zero, Net/Gross, Tare, Units, Print

Annunciators: Zero, Tare, Gross, Tare, lb, kg, Stable, Net,
Pieces

Serial Output: Full duplex RS-232C
Simplex RS-232C
Simplex 20mA Current Loop, Passive

Power (Standard): 110/220 VAC, 50/60 Hz

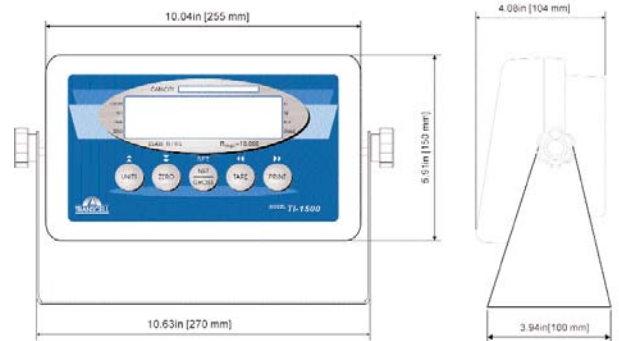
Power (Optional): 12VDC

Operating Temperature: -10°C to 40°C (14°F to 104°F)

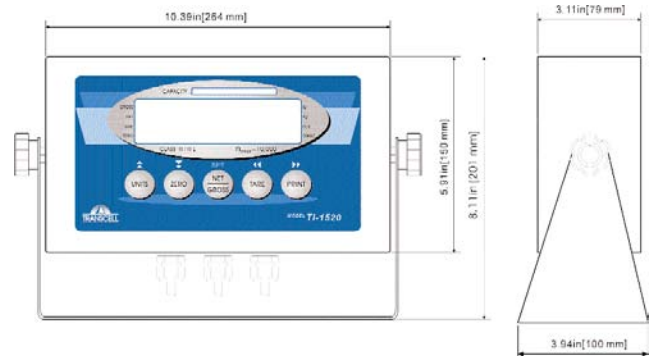
Warranty: 1 year limited warranty applies

PHYSICAL DIMENSIONS

TI-1500



TI-1520



TRANSCCELL TECHNOLOGY, INC.