

TI-1600



INDICATOR

The TI-1600 Series are available in either an ABS NEMA 12 or a Stainless Steel NEMA 4X enclosure. These general purpose NTEP and Canadian approved at 10,000 divisions digital indicators have a full numeric keypad for ease of data input. The TI-1600 and TI-1620 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.

MAPLE  SCALES
— SOLUTIONS THAT WEIGH —


TRANSCCELL TECHNOLOGY, INC.

TI-1600

Standard Features & Benefits:

- **DIVISIONS**- NTEP and Canadian approved for 10,000 Divisions
- **DISPLAYS**- Up to 50,000 Graduations
- **SERIAL PORT**- Full Duplex RS-232 Serial Port - Simplex RS-232/20mA current loop
- **STAND**- Heavy Duty Swivel Mounting Stand
- **DISPLAY**- Large, easy to read LED
- **FULL FRONT PANEL CONFIGURATION**
- **GROSS/NET/TARE**- Print Ticket Mode with 6 digit ID number
- **TARE AND APW STORED IN NON-VOLATILE MEMORY**
- **ENCLOSURE**- Heavy Duty ABS NEMA 12
- **LOAD CELLS**- Drives up to eight 350 Ω Load Cells
- **INTERNAL POWER SUPPLY**
- **TIME / DATE STANDARD**
- **CUSTOM UNIT**
- **PIECE COUNTING FUNCTION**
- **CE ELECTROMAGNETIC COMPATIBILITY**
- **WATCHDOG CIRCUITRY**
- **KEYBOARD TARE ENTRY**
- **KEYBOARD ID ENTRY**

Specifications:

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| Load Cell Excitation: +10 VDC | Display: 1.0", 6-Digit LED, Green |
| Load Cell Current: Drives up to eight 350 Ω Load Cells | Operating Temperature: 14°F to 104°F (-10°C to 40°C) |
| Analog Signal Input Range: 0.2 mV/V min. to 3.0 mV/V max | A/D Resolution: Up to 300,000 internal counts at 3 mV/V |
| A/D Conversion Rate: Up to 25 meas/sec | Annunciators: Zero, Tare, Gross, Tare, lb, kg, Stable, Net, Pieces |
| Analog Sensitivity: 0.4 μ V/grad, Minimum 1.0 μ V/grad recommended minimum for Legal-for-Trade | Key Functions: Zero, Net/Gross, Tare, Units, Sample, APW, Dec. Pt., CL, 0-9 |
| CE Electromagnetic Compatibility: Directive No. 89/336/EEC, EN50082-1, EN61000-4, EN55011 | Serial Output: Full duplex RS-232C Simplex RS-232C Simplex 20mA Current Loop, Passive |
| Current Consumption: 200mA + 30mA per 350 Ω Load Cell | Power (Standard): 110/220 VAC, 50/60 Hz |
| Display Resolution: Up to 50,000 external grads, selectable | Power (Optional): 12 VDC |
| Canadian Weight & Measurements: General Class III at 10,000 division. Approval Number AM-5305 | NIST Classification: H-44 Class III/IIIL at 10,000 divisions C.O.C. #99-017 |
| Warranty: 1 year limited warranty applies | |

Dimensions:

