

TI-1680



INDICATOR

The Model TI-1680 Indicator is designed to support many applications for the installer, yet maintain simplicity for the operator. Configure the 'F1' Key for Peak, Totalizing (Accumulation), Hold, and Live Weight or disable the 'F1' Key to simplify operation. Dedicated keys are provided for Checkweighing and Process Control. The large LED display is easy to read. Stainless Steel construction means it's washdown safe. Standard communications include two RS-232 ports, one of which is configurable to USB. Many options are available including analog output, RS-485, Bluetooth®, WLAN and expanded I/O.



TRANSCCELL TECHNOLOGY, INC.



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TI-1680

Standard Features & Benefits:

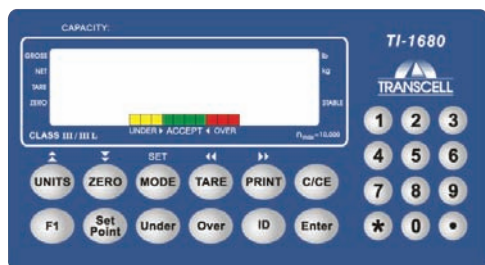
- **DIVISIONS**- NTEP and Canadian Certified for 10,000 Divisions
- **DISPLAYS**- Up to 50,000 Graduations
- **2x SERIAL PORT**- Two Full Duplex RS-232 Serial Port (one port can be configured to USB)
- **ENCLOSURE**- Stainless Steel NEMA 4x / IP65
- **STAND**- Heavy Duty Swivel Mounting Stand
- **DISPLAY**- 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**
- **LOAD CELLS**- Drives up to eight 350 Ω Load Cells
- **INTERNAL POWER SUPPLY**
- **TIME / DATE STANDARD**
- **CUSTOM UNIT**
- **SPECIAL APPLICATIONS**- Piece Counting, Remote Display, Peak Hold, Checkweighing, Batching, Accumulation, Self-diagnostics
- **KEYBOARD TARE ENTRY**
- **KEYBOARD ID ENTRY**
- **PROGRAMMABLE PRINT FORMAT**
- **ONE LOGIC LEVEL INPUT**- For Remote control
- **FOUR CUTOFF OUTPUTS**- For Process control

Specifications:

Load Cell Excitation: +5 VDC	Operating Temperature: 14°F to 104°F (-10°C to 40°C)
Load Cell Current: Drives up to eight 350 Ω Load Cells	A/D Resolution: Up to 260,000 internal counts at 2 mV/V
Analog Signal Input Range: +/- 3.125 mV/V max	Annunciators: Gross, Net, Tare, Zero, Under, Accept, Over, lb, kg, Stable, 01 - 04
A/D Conversion Rate: 10/80 Hz	Key Functions: Units, Zero, Mode, Tare, Print, C/CE, F1, Set Point, Under, Over, ID, Enter, Dec. Pt., *, 0-9
Analog Sensitivity: 0.3 μ V/grad, Minimum 0.6 μ V/grad recommended minimum for Legal-for-Trade	Serial Output: Full duplex RS-232C x2
Current Consumption: 30mA + 15mA per 350 Ω Load Cell	Power (Standard): 100-240 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 Pending	NIST Classification: H-44 Class III/IIIL at 10,000 divisions
Warranty: 1 year limited warranty applies	NTEP CC: pending
Display: 1.0", 6-Digit LED, Green	
USB: 2.0, full speed, peripheral	

Dimensions:

310 x 207 x 100 mm (12.20 x 8.15 x 3.94 in.) with stand
263 x 152 x 90 mm (10.35 x 5.98 x 3.54 in.) without stand



Options:

RS-485 Port
Analog Output
Bluetooth
WLAN
Expanded I/O


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