

# TI-1680



## INDICATOR

**Now with truck weigh-in/weigh-out capability**

The TI-1680 is an NTEP and Canadian certified digital indicator housed in a stainless steel enclosure. This 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 batch weighing. The large LED display is easy to read. Stainless steel construction means it's wash down safe. Standard communications included two RS-232 ports, one of which is configurable to USB. Many options are available including analog output, RS-485, Bluetooth, and WLAN.



**TRANSCCELL TECHNOLOGY, INC.**

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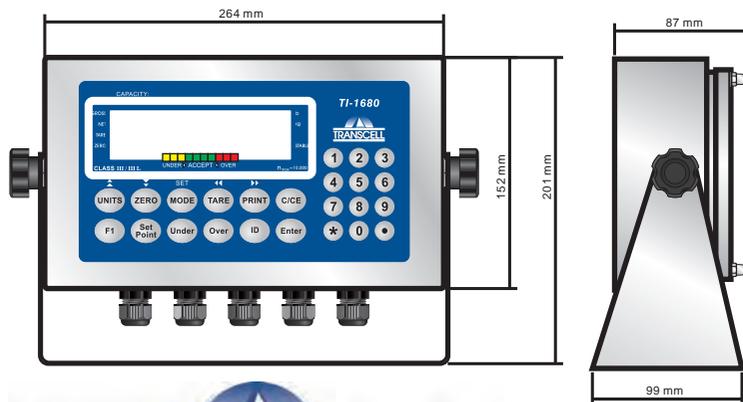
## Standard Features & Benefits:

- **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 twelve 350  $\Omega$  Load Cells
- **INTERNAL POWER SUPPLY**
- **TIME / DATE STANDARD**
- **UNITS**- lb, kg, g, oz, and custom
- **SPECIAL APPLICATIONS**- Piece Counting, Remote Display, Peak Hold, Checkweighing, Batching, Accumulation, Self-diagnostics, Truck In/Out
- **KEYBOARD TARE ENTRY AND ID ENTRY**
- **256 TRUCK ID STORAGE**
- **PROGRAMMABLE PRINT FORMAT**
- **ONE LOGIC LEVEL INPUT**- For Remote control
- **FOUR CUTOFF OUTPUTS**- For batch weighing

## Specifications:

<b>Load Cell Excitation:</b> +5 VDC	<b>Operating Temperature:</b> 14°F to 104°F (-10°C to 40°C)
<b>Load Cell Current:</b> Drives up to twelve 350 $\Omega$ Load Cells	<b>A/D Resolution:</b> Up to 260,000 internal counts at 2 mV/V
<b>Analog Signal Input Range:</b> +/- 3.125 mV/V max	<b>Annunciators:</b> Gross, Net, Tare, Zero, Under, Accept, Over, lb, kg, Stable, 01 - 04
<b>A/D Conversion Rate:</b> 10/80 Hz	<b>Key Functions:</b> Units, Zero, Mode, Tare, Print, C/CE, F1, Set Point, Under, Over, ID, Enter, Dec. Pt., *, 0-9
<b>Analog Sensitivity:</b> 0.3 $\mu$ V/grad, Minimum 0.6 $\mu$ V/grad recommended minimum for Legal-for-Trade	<b>Serial Output:</b> Full duplex RS-232C x2
<b>Current Consumption:</b> 30mA + 15mA per 350 $\Omega$ Load Cell	<b>Power (Standard):</b> 100-240 VAC, 50/60 Hz
<b>Display Resolution:</b> Up to 50,000 external grads, selectable	<b>Power (Optional):</b> 12 VDC
<b>Canadian Weights &amp; Measures:</b> General Class III at 10,000 division. AM-5801	<b>NIST Classification:</b> H-44 Class III/IIIL at 10,000 divisions
<b>Warranty:</b> 1 year limited warranty applies	NTEP CC: 10-078
<b>Display:</b> 1.0", 6-Digit LED, Green with tri-color LED bar graph	<b>USB:</b> 2.0, full speed, peripheral

## Dimensions:



## Options:

- RS-485 Communication Port
- Analog Output: 16-Bit, 0-5 VDC (active), 4-20 mA (passive)
- Bluetooth Communication Port
- WLAN

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Version 1.7, 3/07/13

**YOUR AUTHORIZED TRANSCCELL DEALER IS:**

*Specifications and features subject to change without notice.*