

## TI-700K Waterproof Weighing Indicator

Waterproof Weighing Indicator  
TI-700K



### Features

- Certified for 10,000 Divisions
- Display: Large, easy to read LCD
- Units: Pounds (lb), Kilograms (kg), grams(g), ounce(oz), Pound ounce(lb-oz)
- Time / Date
- Internal Power Supply
- ARM Microprocessor
- Serial Port: RS-232
- Load Cells: Drives up to eight 350 Ω Load Cells
- Full Front Panel Configuration
- Stand: Heavy Duty Swivel Mounting Stand
- Enclosure: Meets IP-69K
- Gross/Net/Tare: Print Ticket Mode with 6 digit ID number
- FIR Filter + Averaging Filter

### Introduction

The TI-700K is an NTEP and Canadian certified digital indicator. The front half of the enclosure is made of Polycarbonate, and the rear half of the enclosure is made of durable and waterproof ABS. It is equipped with a large multi-color LCD display and capacitive touch keypad. It is capable of driving 8-350Ω resistive strain gage load cells. The TI-700K can also work wirelessly with an optional TI-500RFTM wireless weighing module. This simple device can handle a multitude of functions.

Applications include Peak, Totalizing (Accumulation), Hold, and Live Weight. Sealed ABS enclosure is rated for IP69K. Standard communications include one RS-232C port.

Options include: a 2<sup>nd</sup> RS-232, RS-485, Bluetooth, 0-10V output, 4-20mA, Wi-Fi and a rechargeable battery, Reverse LCD.

- Multi-interval
- Capacitive Touch Keypad
- Tare and APW: Stored in Non-Volatile Memory
- High Display Resolution: Up to 100,000 external grads, selectable
- Warranty: 1 year limited warranty applies
- Programmable Print Format
- Applications - Piece Counting, Remote Display, Animal/Peak Hold, Checkweigher, Accumulation, Self-diagnostics
- RF Signal Strength Meter
- Battery Capacity Meter
- USB Port
- Backlight: Choose from 6 colors

### Specifications

|                             |   |                       |   |
|-----------------------------|---|-----------------------|---|
| Load Cell Excitation        | +3.3 VDC  | Operating Temperature | -4°F to 104°F (-20°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, Center of Zero, lb, kg, pcs, Stable |
| A/D Conversion Rate         | 10 Hz to 960Hz, selectable                      | Key Functions         | Menu/off, Units, Zero, Net/gross, Tare, Print, On     |
| Current Consumption         | 30mA + 15mA per 350-ohm load cell               | Serial Output         | Full duplex RS-232                                    |
| Display Resolution          | Up to 100,000 external grads, selectable        | Power (Standard)      | 100-240 VAC, 50/60 Hz                                 |
| Canadian Weights & Measures | General Class III at 10,000 divisions. AM-6038C | Power (Optional)      | 5 to 15 VDC   |
| Warranty                    | 1 year limited warranty applies                 | NIST Classification   | H-44 Class III/IIIL at 10,000 divisions               |
| Display                     | 1.0" , 7-Digit LCD                              | NTEP CC               | 16-086  |

### Dimensions(mm)

