

TI-500K Waterproof Weighing Indicator

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Waterproof Indicator



Introduction

The TI-500K is a waterproof weighing indicator housed in a stainless steel NEMA 4X enclosure. It comes with a large 0.9" LCD display for easy readout of up to 50,000 display divisions, and has power for up to 4-350Ω load cells. All setup parameters may be entered via the front panel keys and are shared with other TI series indicators for consistently easy and trouble free use and maintenance.

The TI-500K uses full duplex RS-232 serial format for communication with many types of attached support equipment. The unit can transmit data on demand, or continuously in a popular data protocol to match a wide variety of printers, remote displays, or personal computers.

Designed for use in extreme conditions, the TI-500K's IP69K-rated stainless steel enclosure withstands high-temperature (up to 176° F / 80° C), high-pressure wash downs (1450 PSI). A rechargeable lead acid battery is standard.

Features

- Display Resolution: up to 50,000 external divisions
- Serial Port: full duplex RS-232C
- Bracket: stainless steel swivel bracket
- Display: easy to read LCD
- Full front panel configuration
- Preset Tare Function
- Housing: NEMA 4x stainless steel
- Load cells: drives up to 4 x 350 ohm load cells
- Digital calibration: full front panel calibration
- Internal Power Supply
- Basic Piece Counting Function

Specifications

Load Cell Excitation	+3.3 VDC	Annunciators	Zero, Tare, Gross, lb, kg, Stable, Net, PCS, Negative
Load Cell Current	Drives up to four (4) 350 Ω load cells		
Analog Signal Input Range	+/- 3.125 mV/V (max)	Keyboard Functions	Menu/Off, Units, Zero, Net/Gross, Tare, Print, On
Sensitivity	0.2μV/grad, minimum	Serial Port	Full Duplex RS-232C
	0.4μV/grad, min value recommended	Power	AC 100-240V or DC 6V/3Ah rechargeable battery
A/D Conversion Rate	10 Hz	DC Power Consumption	10 mA + 9 mA/350 Ω load cell
A/D Resolution	Up to 260,000 internal counts at 2 mV/V	Indicator Dimensions	8.8" x 5.5" x 3.1" (225mm x 140mm x 80mm)
Display	0.9" LCD display	Operating Temperature	-10°C to 40°C (14°F to 104°F)
Display Resolution	Up to 50,000 external grads	Warranty	1 year limited warranty applies

Dimensions

