

MODEL TI-500E DIGITAL INDICATOR

INTRODUCTION

The TI-500E is a general purpose, digital indicator housed in a Stainless Steel enclosure comes with a large (.6") LED screen for **easy** readout of up to 50,000 display divisions, and supplies enough current for up to 43503 load cells. All **setup** parameters may be entered via the front panel keys.

The TI-500E **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.

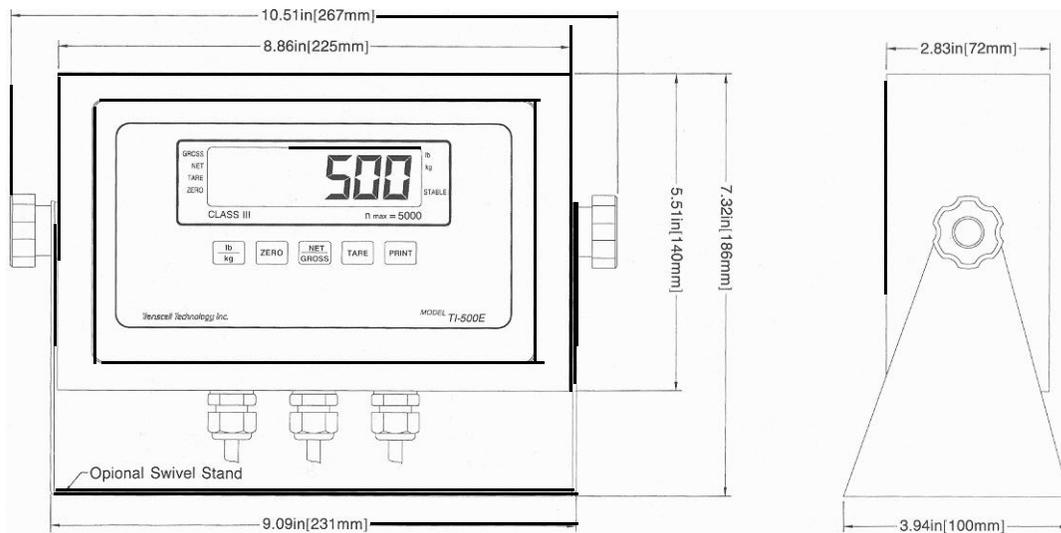
OPTIONS

NEMA 4X Stainless Steel Enclosure
Null Modem Cable for PC Interface
Auto-off Timer for remote **battery**

ALSO AVAILABLE

TI-500 with LCD Display
LED/LCD Remote Display Unit

PHYSICAL DIMENSIONS



SPECIFICATIONS

Load Cell **Excitation:**

+ 10 VDC

Load Cell Current:

Drives up to four 3503 load cells

Analog Signal Input Range:

0.2 mV/V min to 3.0 mV/V max

Analog Sensitivity:

0.4 μ V/grad, minimum

1.0 μ V/grad recommended minimum

for Legal-for-trade

A/D Conversion Rate:

Up to 25 meas/sec

A/D Resolution:

Up to 260,000 internal counts

Display:

0.6" 6 Diod LED Display

Display Resolution

Up to 50,000 external **grads.** selectable

Key Functions:

lb/kg, Zero, Net/Gross, Tare, Print

Annunciators:

Gross, Net, kg, lb, center of zero, stable, tare, negative

Serial Port:

Full duplex RS-232 format

Power Requirements:

12 VDC, 650 mA Wall Adapter, included

Power **Consumption:**

200 mA + 30mA/350 Ω load cell

Operating Temperature:

-10°C to 40°C (14°F to 104°F)

Indicator Dimensions:

PLASTIC:

3.2" \times 6.8" \times 2.3" (81mm \times 173mm \times 57mm)

STAINLESS STEEL:

9.0" \times 5.5" \times 2.9" (229mm \times 140mm \times 73mm)

Warranty:

1 year limited warranty applies

NIST Classification:

H-44 Class III at 5,000 divisions

C.O.C.#94-080