

MODEL TI-500E DIGITAL INDICATOR

INTRODUCTION

The TI-500E is a general purpose, digital indicator housed in a standard black ABS enclosure. It comes with a large (.6") LED screen for easy readout of up to 50,000 display divisions, and supplies enough current for up to 4-350Ω 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.

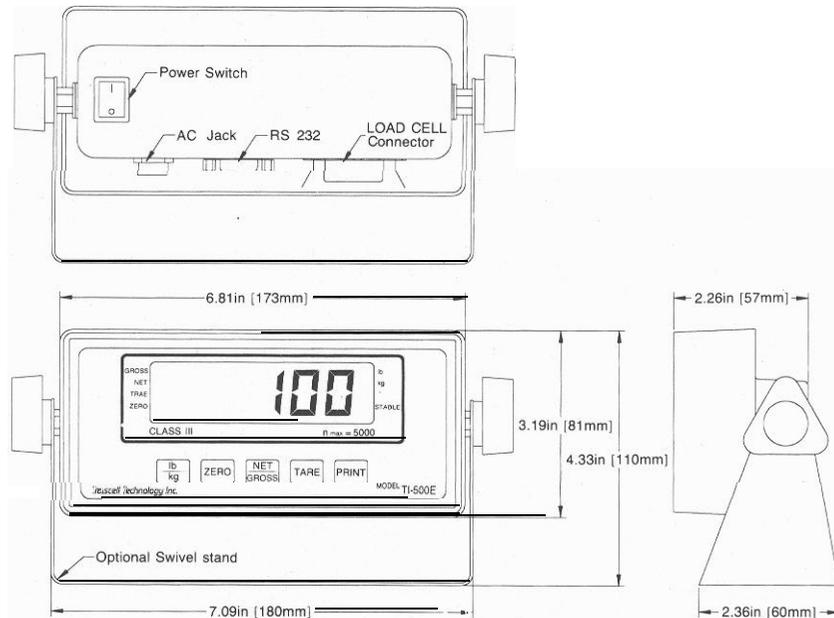
OPTIONS

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 350Ω load cells

Analog Signal Input Range:
0.2 mV/V min to 3.0 mV/V max

Analog Sensitivity:
0.4 μV/grad, minimum
1.0 μV/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 Digit 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/350Ω load cell
Operating Temperature:
- 10°C to 40°C (14°F to 104°F)

Indicator Dimensions:
PLASTIC:
3.2" x 6.8" x 2.3" (81mm x 173mm x 57mm)
STAINLESS STEEL:
9.0" x 5.5" x 2.9" (229mm x 140mm x 73mm)

Warranty:
1 year limited warranty applies
NIST Classification:
H-44 Class III at 5,000 divisions
C.O.C.#94-080