

TI-2200 DIGITAL INDICATOR



APPLICATIONS

- Batching Control
- Four Point Bin Alarm
- Over/Under Checkweigh Control
- Weighing Systems
- Mechanical Conversion Kit

FEATURES

- Heavy Duty Stainless Steel NEMA 4X Enclosure
- NTEP Approved for 10,000 Divisions
- Keyboard Tare Entry
- Four Digital Set Point Outputs with Universal Control Setup
- Multi-point Linearity Compensation
- Tare and Set Points Stored in Nonvolatile RAM
- Full Duplex RS-232 Serial Port
- Easy to Read LED Display
- Displays up to 100,000 Graduations
- Drives up to eight 350Ω Load Cells
- Full Front Panel Configuration
- Heavy Duty Swivel Mounting Stand
- Watchdog Circuitry
- RFI/EMI Screened



Transtell Technology inc.

MODEL TI-2200 DIGITAL INDICATOR

INTRODUCTION:

The TI-2200 is a general purpose digital indicator designed for use in applications where the ability to key-in data is a must. The indicator comes standard with keyboard tare entry ability, four universal set points, battery backed-up RAM, and multi-point linearity compensation.

Housed in a stainless steel NEMA 4X enclosure, the unit comes with a bright LED display for easy readout of up to 100,000 display divisions, and supplies enough current for up to 8-350Ω load cells. All setup parameters may be entered via the front panel keys.

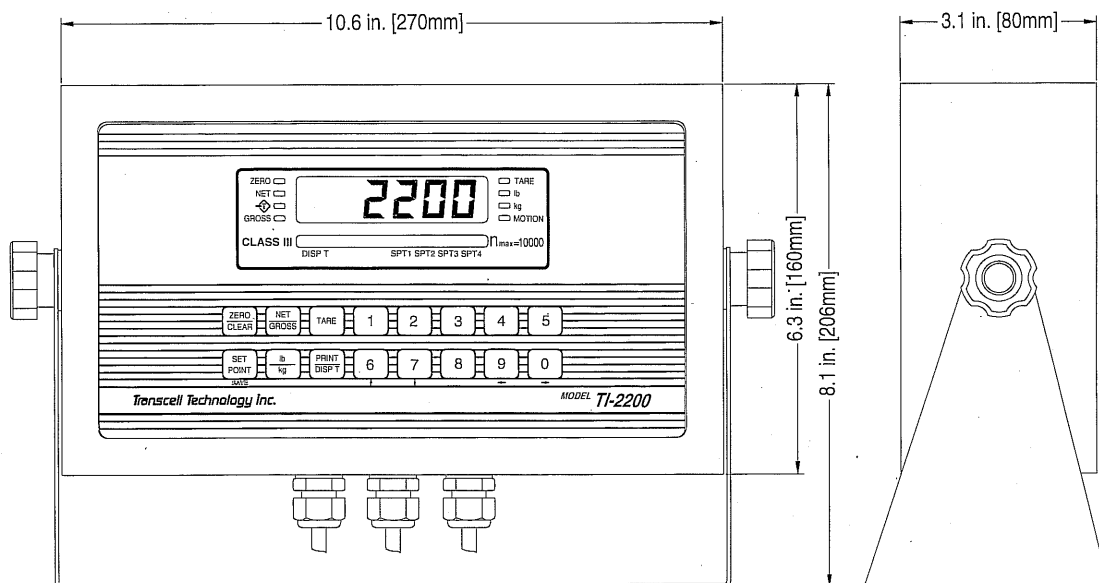
The TI-2200 comes standard with a full duplex RS-232 serial port. Options in-

clude I/O modules & racks for use in batching systems, and an analog output for process control.

OPTIONS:

4-20 mA Analog Output
FR-4 Watertight Box with 4 Chancel
I/O Module Rack
Plug-in I/O Modules for above

PHYSICAL DIMENSIONS:



SPECIFICATIONS:

Load Cell Excitation:

+10 VDC

Load Cell Current:

Drives up to eight 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 30 meas/sec

A/D Resolution:

Up to 230,000 internal counts

Display:

0.6", 6-Digit LED, Green

Display Resolution:

Up to 100,000 external grads, selectable

NIST Classification:

H-44 Class III at 10,000 divisions
C.O.C.

Key Functions:

Zero/Claer, Net/Gross, Tare, Set Point, lb/kg, Start/Stop, Print, Disp Tare, 0-9.

Annunciators:

Zero, Net, Entered Tare, Gross, Tare, lb, kg, Motion, Disp Tare, SPT1-SPT4.

Serial Output:

Full duplex RS-232 format

Set Point Outputs:

Four TTL Level Outputs

Set Point Output Controls:

Universal setup allowing auto/manual batch, cycle delay, latched/unlatched outputs, on/off below activation point, and selectable logic level (High/Low)

Power:

120/240 VAC, 50/60 Hz

Operating Temperature:

-10°C to 40°C (14°F to 104°F)

Shipping Weight:

10 lbs (4.5 kg)

Indicator Dimensions:

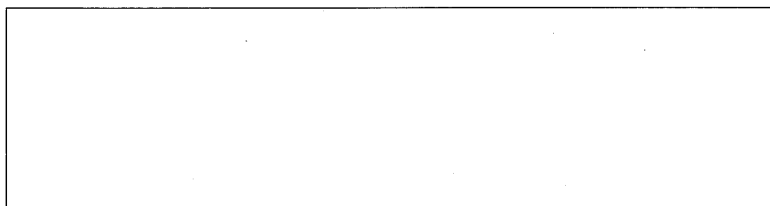
6.3" x 10.6" x 3.1"

160 mm x 270 mm x 80 mm

Warranty:

1 year limited warranty applies

DIATRIBUTED BY:



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