

STX SERIES  
OF DIGITAL STRAP  
TENSION METERS

ACCURATE

DEPENDABLE

RELIABLE



TENSITRON

STX



- Large, easy to read backlit, graphic display with adjustable backlighting and contrast.
- Display shows tension, name of calibration selected, minimum and maximum tension values and battery charge level.
- Select tension values to display in lb, Kg, or Decanewtons.
- Select strap material and size from menu. Instrument automatically adjusts calibration to correct setting.
- Up to 10 calibrations can be programmed into instrument. (All calibrations password protected).
- Adjustable LCD refresh rates allow for stable digital readings.
- All models typically available from stock.
- All models factory-calibrated and ready for use
- Calibration values traceable to National Standards. Calibration certificate included.



*The industry standard in tension  
meters and tension measuring  
since 1935*



- Battery Charge Level
- Selectable Tension in Lbs, Kg or Decanewtons
- Select Material and Size. Instrument Automatically Adjusts Calibration
- Min and Max Values

## AVAILABLE OPTIONS FOR ALL INSTRUMENTS

*Note: Add option-designator letter to the end of the Model Number. (For example, a Model STX-250-E denotes a standard STX-250 with the optional RS-232, serial output function included.)*

**-A ANALOG OUTPUT OPTION.** 0-5 VDC or 4-20 mA with software definable ending sequences. Provided with 10' cable. Data outputted at 40 Hz.

**-E RS-232 SERIAL OUTPUT OPTION.** Provided with 10' cable to interface with your receiving device. Select data sampling rate from 1, 2 or 5 Hz.

**-D DATA LOGGING OPTION.** Capture and play back data within a user-defined time window. Select the time window; then select the sampling rate (from 1-100 Hz). After capturing the data, review it on the instrument's display or upload it using the 10' serial interface cable.

• **INPUT REAL-TIME SERIAL DATA** into any Windows® application using any number of software programs such as WinWedge Pro® for Windows®, or configure your Windows® operating system to capture the data via Hyper Terminal®.

### • CE

*Instruments can be configured with any or all options.*

## SPECIFICATIONS

- Approximate weight is 2.3 lb. (Weight varies depending upon instrument configuration).
- Re-chargeable NIMH battery with power supply provided. Approximately 6 hours of operation per battery charge depending upon backlighting intensity.
- Power Supply operates with input voltages from 100 – 240V and includes several interchangeable "blades" allowing use with European, US, Australian and other plug configurations.
- Instruments may be operated continuously while connected to power supply.
- Automatic shutoff after 10 minutes of non-use.
- Durable, lightweight carrying case with protective foam inserts.
- **CE CERTIFICATION** complying with heavy, industrial immunity standards.

## DATA LOGGING

1	175
2	180
3	185
4	215
5	210
6	200
7	175

Adjustable Duration and Sampling Rates

## STANDARD INSTRUMENTS

MODEL	RANGE	RESOLUTION	FULL-SCALE ACCURACY
<b>STX-250</b>	5 – 250 lb	0.5 lb	1%
<b>STX-500</b>	25 – 500 lb	1 lb	1%
<b>STX-1000</b>	50 – 1,000 lb	5 lb	1%
<b>STX-2000</b>	100– 2,000 lb	10 lb	2%

STX Series Models are calibrated specifically to your strapping type(s) and size(s) to ensure greatest accuracy.

## STXM INSTRUMENTS

MODEL	RANGE	RESOLUTION	FULL-SCALE ACCURACY
<b>STXM-250</b>	5 – 250 lb	0.5 lb	3%
<b>STXM-500</b>	25 – 500 lb	1 lb	3-1/2%
<b>STXM-1000</b>	50 – 1,000 lb	5 lb	4%
<b>STXM-2000*</b>	100– 2,000 lb	10 lb	4%

STXM instruments include multiple calibrations for different Poly and PET strapping sizes.

\*The STXM-2000 includes calibrations for Poly and PET strapping with thicknesses from .020" – .055" and STEEL strapping with thicknesses between .017" – .044".

*Note: Both the STX and STXM series of instruments can have additional calibrations added to their menus for greater versatility. Simply advise the type, width, and thickness of strapping at the time of order.*



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