

# STX-1 Series Digital Tension Meters For strapping

## Versatile tension measurement for:

- **Straps** (metal, poly, nylon, or other)
- Up to **1/4" thick** (6.35 mm)
- Tension **5 - 2,000 lb.** (2.2 - 907 kg)
- **Static** material

## Simple to use:

1. Turn unit on and select strap.
2. Slide the center contact under the material with the two outer pins over the material.
3. Tension will display.



## Precise, convenient tension measurement for strapping and tie-downs.

## Helps secure loads safely and prevent load damage

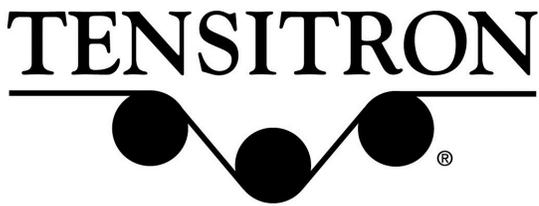
- Superior technology
- Easy operation
- High precision
- Powerful features

## Features:

- Calibrated for up to ten strap sizes
- Measures static straps
- Large, clear, color display
- Displays tension in lb., kg, or daN
- Dynamic Bar Graph shows quick, color visual of tension levels
- Stores tension values with one touch
- Calculates Data Statistics (count, max, min, average, standard deviation)
- Rechargeable battery powers the instrument for up to 12 hours of continuous use
- One-year warranty against factory defects
- Lightweight, protective carrying case included
- Data can be output to an electronic device with RS-232 or analog output options
- Calibration certificate included with values traceable to NIST Standards



TO ORDER: Email: [Sales@Tensitron.com](mailto:Sales@Tensitron.com), T: 303-702-1980, F: 303-702-1982  
TENSITRON ~ 733 S. Bowen Street, Longmont, CO 80501, USA  
SEE OUR WEBSITE: [www.Tensitron.com](http://www.Tensitron.com)



# STX-1 Series Digital Tension Meters

For strapping

## Models:

<b>STX-1 Meters: Calibrated to Straps Specified by User</b>						
Order the instrument with Standard Calibration or provide your own strap description(s)						
<u>Model</u>	<u>Range</u>		<u>Menu Selections</u>	<u>Standard Calibration</u>	<u>Resolution</u>	<u>Accuracy</u>
STX-250-1	5 - 250 lb.	3 - 113 kg	You specify the strap(s) when you order. Tell us material, thickness, and width. Up to 10 calibrations are possible. First 3 are no charge.	.020" x 3/8" poly	.5 lb.	1%
STX-500-1	25 - 500 lb.	12 - 226 kg		.035" x 5/8" poly	1 lb.	1%
STX-1000-1	50 - 1,000 lb.	23 - 453 kg		.040" x 5/8" poly	5 lb.	1%
STX-2000-1	100 - 2000 lb.	46 - 907 kg		.045" x 1.0" poly	10 lb.	2%

## Options:

**-A Analog Output**  
Outputs continuous tension readings for remote monitoring and automatic responsive action

**-E RS-232 Digital Output**  
Uploads stored or real-time tension values to your electronic device

<b>STXM-1 Meters: Calibrated to Ranges of Common Strap Sizes and Materials</b>						
Menu shows strap selections in inches. Metric menu selections are available on request. Additional calibrations are available (up to 10 total menu selections).						
<u>Model</u>	<u>Range</u>		<u>Menu Selections</u>	<u>Resolution</u>	<u>Accuracy</u>	
STXM-250-1	5 - 250 lb.	3 - 113 kg	.010" - .020" poly .021" - .026" poly .027" - .032" poly	.5 lb.	3%	
STXM-500-1	25 - 500 lb.	12 - 226 kg	.017" - .026" poly .027" - .032" poly .033" - .040" poly	1 lb.	3.5%	
STXM-1000-1	50 - 1,000 lb.	23 - 453 kg	.020" - .034" poly .035" - .042" poly .043" - .050" poly	5 lb.	4%	
STXM-2000-1	100 - 2000 lb.	46 - 907 kg	.020" - .029" poly .030" - .042" poly .043" - .055" poly .017" - .024" steel .025" - .035" steel .036" - .044" steel	10 lb.	4%	

## Specifications:

**Battery:** NiMH (NOT lithium ion). Safe for air transport. Rechargeable. Up to 12 hours continuous use per charge.

**Power supply:** Input: 100-240VAC, 50-60Hz, 0.48A, Output: 9 VDC, 2.2A

**Weight & Dimensions:** Shipment weight & dimensions (1 unit in case): 6 lb., 18" x 14" x 6"

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