Dependable, Convenient Tension Measurement

- Measures 7x19 wire rope up to 3/4”, and other flexible materials
- Tension ranges from 20 to 2,000 lb.
- Custom-calibrated for your application
- Equipped with rollers for moving materials
- Selectable units (lb., kg, or daN)
- Quick, easy operation
- Continuous or single-point data storage
- Onboard data statistics
- Analog or serial output (optional)
- Easy-to-read, digital display
- Color-bar graphic provides quick visual of tension levels
- Long-lasting, durable construction
- Includes sturdy carrying case and NIST-traceable calibration certificate

Versatile Tension Measurement for:

- Catenary systems
- Elevator cables
- Telecommunications cables
- Guy wires
- Zip lines
- Entertainment rigging
- Safety cables
- Tension wire

Specifications

- **Warranty**: one year against factory defects
- **Accuracy**: +/- 2% full-scale. Accuracy may differ depending on material measured.
- **Battery**: NiMH (NOT lithium ion). Rechargeable. Up to 8 hours continuous use per charge.

To Order: Email: Sales@Tensitron.com or Call: 303.702.1980
Tensitron · 733 South Bowen St. · Longmont, CO 80501 · www.Tensitron.com
Revised 26Feb2019
# CX-1 Series
## Digital Tension Meters

### Models

<table>
<thead>
<tr>
<th>Style</th>
<th>Model</th>
<th>Range (lb.)</th>
<th>Accuracy (lb.)</th>
<th>Resolution (lb.)</th>
<th>Maximum diameter 7x19 wire rope</th>
<th>Other Materials</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small (15” wide)</td>
<td>CX-250-SM-1</td>
<td>20 - 250</td>
<td>+/- 5</td>
<td>0.2</td>
<td>3/16” (4.8 mm)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CX-500-SM-1</td>
<td>20 - 500</td>
<td>+/- 10</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>CX-1000-SM-1</td>
<td>50 - 1000</td>
<td>+/- 20</td>
<td>5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Medium (16.73” wide)</td>
<td>CX-1000-M-1</td>
<td>50 - 1000</td>
<td>+/- 20</td>
<td>5</td>
<td>1/4” (6.35 mm)</td>
<td>Contact Tensitron about measuring other materials and/or diameters.</td>
</tr>
<tr>
<td></td>
<td>CX-2000-M-1</td>
<td>100 - 2000</td>
<td>+/- 40</td>
<td>10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Standard (19.73” wide)</td>
<td>CX-1000-1</td>
<td>50 - 1000</td>
<td>+/- 20</td>
<td>5</td>
<td>3/4” (19 mm)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CX-2000-1</td>
<td>100 - 2000</td>
<td>+/- 40</td>
<td>10</td>
<td></td>
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</tr>
</tbody>
</table>

### Options

**Data Output:**
- Analog Output (Option A) OR
- RS-232 Serial Output (Option E)

**Rollers:** Standard CX-1 rollers are flanged, with 7/8” outside diameter and working length of ¾”. For flat materials, order 2” or 3” cylindrical rollers are available (Option R).

### Calibration

CX-1 meters are custom-calibrated for each material to be measured.

Up to 10 calibrations are available.

A 10-foot sample of each material will be needed for the calibration.