

# **TENSITRON, INC.**

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## **WC - TENSION METERS**

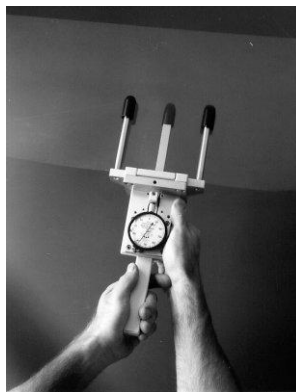
*Made in the USA*

### **Sheet and Web Tension Meters, WC-Series**

*The Sheet and Web Tension Meter, Model WC-series, measures the tension of any width material which is long, flat and thin, such as: paper, film, plastic sheets, cloth, web, loom beams, metal foils or winding electrical condensers.*

- ◆ Direct Reading or Comparator Dials Available.
- ◆ Adaptable for materials as thin as paper to sheets as stiff as foils.
- ◆ Engagement and disengagement onto materials is Quick, Safe and Easy.
  - ◆ Readings are obtained regardless of meter position.
- ◆ Handcrafted from solid anodized aluminum yet weighs only 3 lb.
- ◆ Ensure consistency in your manufacturing process.

*Models Available to Measure up to 100 pli  
Metric Ranges Also Available*



***DURABLE***

***ACCURATE***

***RELIABLE***

## SHEET TENSION METERS

*Made in the USA*

*The Sheet Tension Meter, Model WC-series measures tension in flexible sheets or webs which are typically 8" or wider. The instrument is inserted from the side of your material and measures per inch of web width up to 4" inside the material, thereby avoiding the waviness of the edges.*

*The WC Tension Meter is a three roller system. The two outer contact rollers guide the material at a slight wrap angle over the center sensor. When tension is applied, the sensor is deflected. The greater the tension, the greater the deflection of the sensor. The signal is amplified mechanically and read on a clearly visible dial.*

*Use the Sheet Tension meter to determine which tensions are best for a given position on your material. Note where the pointer is on the dial and simply repeat this reading in subsequent production runs of the same material.*

- ◆ **The WC-Series tension meters are available in maximum ranges of 10, 20, 50 or 100 pli, and up to 50 kg. pli.**

**Each instrument is provided with a sturdy polyethylene carrying case with dense foam inserts to protect the meter.**

### **Annual Calibration or Repair Service**

Tensitron will recalibrate all WC models at a very reasonable cost. When an instrument is received for a yearly recalibration and certification, it is completely dismantled. We clean, repair and replace any damaged parts. The instrument is then recalibrated in our NIST-certified labs and provided with documentation to that effect.

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