



PT-CR-001

Operators Manual

Tension Gauge for Architectural Cable Railing

TENSION GAUGE FOR ARCHITECTURAL CABLE RAILING



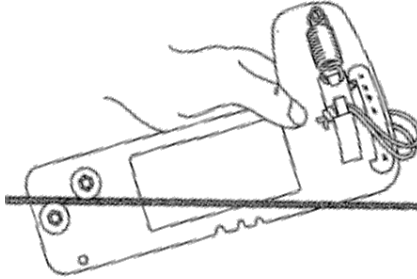
The Fortress Building Products **Professional Model Number 57500001** tension gauge is designed to provide an accurate measurement of the tension in architectural cable railing systems.

The Model Number 57500001 is designed to measure cable tension in lbs. for 1/8", 3/16", and 1/4" 1x19 cables. Readings of between 200 and 400 lbs. are shown on the easy to read scale.

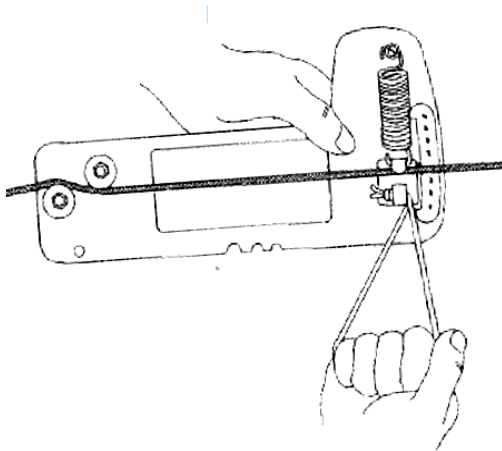
All readings are based on type 302/304 1x19 Stainless Steel Cable breaking strengths.

HOW TO MEASURE

1. Hold the gauge with the left hand and place the cable between the two nylon spools as shown in **Figure 1**.



2. With the right hand pull the lanyard and extend the spring until the hook on the nylon slider can be hooked on to the cable as shown in **Figure 2**.



3. Release the lanyard. Read the needle position on the scale. Refer to the calibration table to obtain the correct tension in the cable. The gauge can be left on the cable for “hands free” adjustment.
4. To assure accurate readings make sure that the slider moves freely in the frame slot and does not bind. Lubricate the slider slot with silicone lubricant if needed.



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