

AIRCRAFT CABLE TENSIOMETERS *Made in the USA*

Versatile Aircraft Cable Tension Meters

STANDARD FEATURES OF ALL MODELS

- ◆ Easy one-hand operation
- ◆ No interchangeable parts are needed to adapt to different cable sizes
- ◆ Memory Lock Pointer holds readings until cleared
- ◆ Calibration chart affixed to back of meter
- ◆ Durable and made of non-corrosive materials
- ◆ Weigh approximately 21 oz.
- ◆ Compact design allows engagement of meter onto cables closely routed along floors, flat surfaces and other minimum clearance areas.
- ◆ Models ACM-100, ACM-200, ACM-300, ACM-400, and CWT-150 are compact enough to allow use in limited access panels as small as 4" in diameter.
- ◆ Model ACM-600 can be used through limited access areas as small as 5.3" in diameter.

FIVE MODELS - FIVE RANGES



DURABLE

ACCURATE

RELIABLE

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STANDARD FEATURES OF ALL MODELS (cont'd)

- ◆ All models meet or exceed military and civilian specifications for use on aircraft.
- ◆ All models are typically available from inventory
- ◆ All models are calibrated, certified and ready for use when shipped

Range of Six Models Available

ACM-200 - The model ACM-200 seems to be our most popular model because of the versatility in range and cable diameters covered. The ACM-200 is designed to measure 20 - 200 lbs tension in 1/16", 3/32", 1/8", 5/32", 3/16", and 1/4" diameter aircraft cables. This instrument has a full scale accuracy of 4% for all cable sizes.

ACM-100 - The model ACM-100 is designed to measure from 5 - 100 lbs tension in 1/16", 3/32, 1/8, 5/32" diameter cables. This instrument has a full scale accuracy of 4% for all cable sizes.

ACM-300 - The model ACM-300 is designed to measure from 40 - 300 lbs tension in 3/32", 1/8", 3/16" and 1/4" diameter standard cables. This instrument has a full scale accuracy of 6% for all cable sizes. Can be used in limited access panels as small as 4" in diameter.

ACM-400 - The model ACM-400 is designed to measure from 40-400 lbs tension in 3/32", 1/8", 5/32" and 3/16" diameter standard cables (3/16" and 7/32" diameter cable also available). This instrument was developed specifically for Boeing Aircraft and has a full scale accuracy of 6% for all cable sizes. Can be used in limited access panels as small as 4" in diameter.

ACM-600 - Our model ACM-600 measures tension from 40 - 600 lbs in 1/8", 5/32", 3/16, and 1/4" diameter aircraft cables. This instrument has a full scale accuracy of 8% or better. The ACM-600 closely resembles the ACM-200 with the exception of the instrument width. The two outer cable contact points on the ACM-600 are mounted to a surface that is 5.2" in width.

CWT-150 - Our model CWT-150 measures tension from 10 - 150 lb in CWT 5, 10, 15, 20, & 25 diameter cables utilizing no interchangeable risers. This instrument has a full scale accuracy of 4% for all cable diameters. Can be used in limited access panels as small as 4" in diameter. *This instrument is specifically designed for use on CWT cables; it cannot be used on standard aircraft cables.*

Annual Calibration or Repair Service

Tensitron will recalibrate all 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 lab and provided with documentation to that effect. The typical cost for this complete service ranges from \$135.00 to \$170.00.

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Visit our website at: www.tensitron.com