

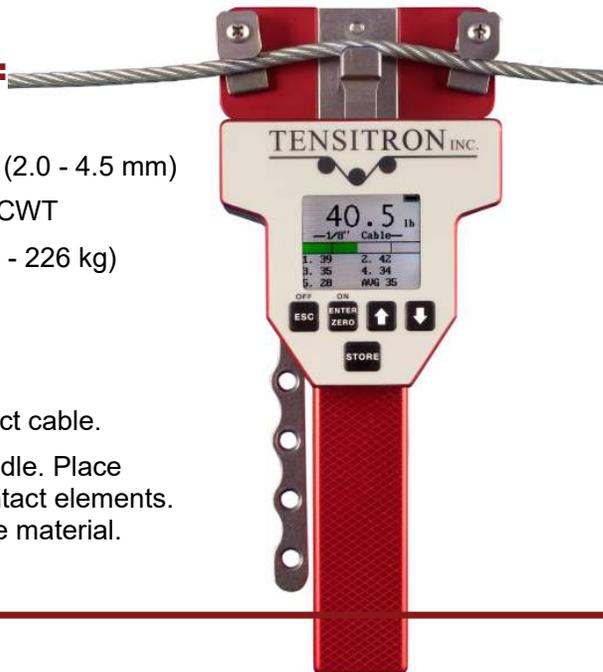
ACX-1 Series Digital Tension Meters For aircraft cables

Versatile tension measurement for:

- **Aircraft cables**
- **1/16" - 1/4"** diameter (2.0 - 4.5 mm)
- Fractional, metric, or CWT
- Tension **5 - 500 lb.** (3 - 226 kg)
- Static material

Simple to use:

1. Turn unit on and select cable.
2. Release lever on handle. Place material between contact elements. Close lever to engage material.
3. Tension will display.



Precise, convenient cable tension measurement for MRO providers

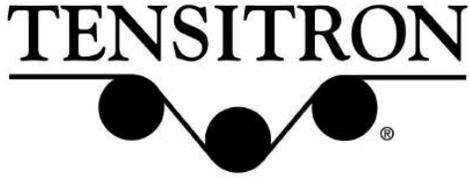
Supports aircraft safety and airworthiness.

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

Features:

- Calibrated for commonly-used aircraft cables
- Custom calibrations available (up to 10 cables total)
- **Accurate +/- 2% full-scale**
- Calibrated for galvanized steel, uncoated, 7x19 cables (except 1/16" which is 7x7).
- Measures static (stationary) cables
- Large, clear, color display
- Displays tension in lb., kg, or daN
- Dynamic Bar Graph provides quick, color visual of tension levels
- Takes readings in hard-to-reach places with one-touch data storage
- 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
- Includes cable diameter gauge to easily determine correct cable size





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Models:

Tension	Model No. and Calibrations Included		
	Metric Cables	Fractional Cables	CWT Cables
5 - 100 lb. (2 - 45 kg)		ACX-100-1 1/16, 3/32, 1/8, 5/32"	
	ACX-100-M-1 2.0, 2.5, 3.5mm		
	ACX-100-FM-1 1/16, 3/32, 1/8, 5/32" and 2.0, 2.5, 3.5mm		
		ACX-100-CMB-1 1/16, 3/32, 1/8, 5/32" and 5, 10, 15, 20, 25 CWT	
20 - 250 lb. (9 - 113 kg)		ACX-250-1 1/16, 3/32, 1/8, 5/32, 3/16"	
	ACX-250-M-1 2.0, 2.5, 3.5, 4.0mm		
	ACX-250-FM-1 1/16, 3/32, 1/8, 5/32, 3/16" and 2.0, 2.5, 3.5, 4.0mm		
		ACX-250-CWT-1 5, 10, 15, 20, 25 CWT	
		ACX-250-CMB-1 1/16, 3/32, 1/8, 5/32, 3/16", and 5, 10, 15, 20, 25 CWT	
40 - 500 lb. (18 - 226 kg)		ACX-500-1 3/32, 1/8, 5/32, 3/16, 1/4"	
	ACX-500-M-1 2.5, 3.5, 4.0, 4.5mm		
	ACX-500-FM-1 3/32, 1/8, 5/32, 3/16, 1/4" and 2.5, 3.5, 4.0, 4.5mm		

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

Specifications:

Accuracy: 2% +/- full-scale (standard).

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:

- Instrument: 1.5 lb., 8.14" x 5.20" x 1.56" (ACX-500-1), 8.14" x 3.37" x 1.39" (All but ACX-500-1)
- Shipment weight & dimensions (1 unit in case): 5 lb., 16" x 12" x 7"