

### Premium cable tension measurement for aircraft MRO and more

- Improve aircraft performance
- Achieve quality standards
  - Save time and costs



### Convenient, Accurate Tension Measurement

- Ideal for aircraft cables or other stationary cables up to 1/4" diameter
- Measures mm, inch, and CWT diameters
- Tension ranges from .5 lb. to 1,200 lb.
- Quick, easy, one-handed operation
- Compact design allows access to small spaces
- Easy-to-read, backlit, digital display
- Selectable units (lb., kg, or daN)
- Data storage and statistics
- Color-bar graphic provides quick visual of tension levels
- Analog or serial output (optional)
- Durable construction
- Lightweight, portable
- Includes carrying case, cable diameter gauge, and NIST-traceable calibration certificate
- Custom calibrations available for specialized applications

### Specifications

- Accuracy:** +/- 2% full-scale for all models except ACX-1200-SCB, which is +/- 3% full-scale.
- Battery:** NiMH (NOT lithium ion). Rechargeable. Up to 8 hours continuous use per charge.
- Width:** Models with ranges up to 250 lb. are 3.4" wide. Meters with ranges above 250 lb. are 5.2" wide.
- Data output:** Analog Output (Option "A") or RS-232 Serial Output (Option "E") are available as add-on options.
- Warranty:** One year against factory defects

To Order: Email: [Sales@Tensitron.com](mailto:Sales@Tensitron.com) or Call: 303.702.1980

Tensitron · 733 South Bowen St. · Longmont, CO 80501 · [www.Tensitron.com](http://www.Tensitron.com)

Revised 4Sep2019



# ACX-1 SERIES DIGITAL AIRCRAFT CABLE TENSION METERS

## Models

Model	Range		Resolution	Cable Selections		
	Minimum	Maximum		All standard calibrations are for stainless steel, uncoated, 7x19 cables (except 1/16 in., which is 7x7). Custom calibrations are available (up to 10 total).		
	Lb.	Lb.	Lb.	In.	MM	CWT
ACX-25-1	0.5	25	0.2	1/16, 3/32"	---	---
ACX-25-M-1	0.5	25	0.2	---	2.0, 2.5mm	---
ACX-25-FM-1	0.5	25	0.2	1/16, 3/32"	2.0, 2.5mm	---
ACX-100-1	1	100	0.2	1/16, 3/32, 1/8, 5/32"	---	---
ACX-100-M-1	1	100	0.2	---	2.0, 2.5, 3.5, 4.0mm	---
ACX-100-FM-1	1	100	0.2	1/16, 3/32, 1/8, 5/32"	2.0, 2.5, 3.5, 4.0mm	---
ACX-100-CMB-1	1	100	0.2	1/16, 3/32, 1/8, 5/32"	---	5, 10, 15, 20, 25 CWT
ACX-250-1	1	250	0.2	1/16, 3/32, 1/8, 5/32, 3/16"	---	---
ACX-250-M-1	1	250	0.2	---	2.0, 2.5, 3.5, 4.0mm	---
ACX-250-FM-1	1	250	0.2	1/16, 3/32, 1/8, 5/32, 3/16"	2.0, 2.5, 3.5, 4.0mm	---
ACX-250-CWT-1	1	250	0.2	---	---	5, 10, 15, 20, 25 CWT
ACX-250-CMB-1	1	250	0.2	1/16, 3/32, 1/8, 5/32, 3/16"	---	5, 10, 15, 20, 25 CWT
ACX-500-1	1	500	1	3/32, 1/8, 5/32, 3/16, 1/4"	---	---
ACX-500-M-1	1	500	1	---	2.5, 3.5, 4.0, 4.5mm	---
ACX-500-FM-1	1	500	1	3/32, 1/8, 5/32, 3/16, 1/4"	2.5, 3.5, 4.0, 4.5mm	---
ACX-1200-SCB-1	50	1200	1	3/16"	---	---

**TO ORDER: Email: [Sales@Tensitron.com](mailto:Sales@Tensitron.com) or Call: 303.702.1980**

**Tensitron · 733 South Bowen St. · Longmont, CO 80501 · [www.Tensitron.com](http://www.Tensitron.com)**

Revised 4Sep2019