TENSITRON®

A KTC Instruments Company

ACX-1 SERIES

DIGITAL AIRCRAFT CABLE TENSION METER

KEEP AIRCRAFT FLYING SAFELY

ACX-1 meters are the fastest, easiest way to verify accurate cable tension. Get your aircraft off the ground and into the air with maximum performance and safety and minimum cost and time. Ideal for aircraft cables or other stationary cables up to 1/4" diameter. Custom calibrations available for specialized applications

FAST
Quickly test control cable tension

- Quick, easy, one-handed operation
- Color-bar graphic provides quick visual of tension levels
- Compact design allows access to small spaces

ACCURATE
Improve aircraft safety and performance

- Measures wide range of aircraft cables, with inch or CWT diameters
- Tension ranges from .5 lb to 1200 lb.
- Selectable units (lb., kg, or daN)

DEPENDABLE
Save time and costs with durable construction

- Durable, reliable construction
- Data storage and statistics
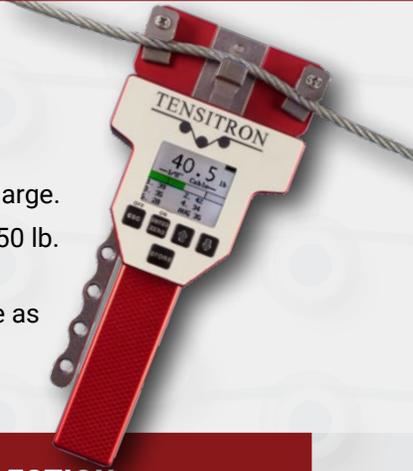- Includes carrying case and NIST-traceable calibration certificate

CONVENIENT
User-friendly and easy to transport

- Lightweight, portable
- Analog or serial output (optional)
- Easy-to-read, backlit, digital display

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ACM SERIES
ANALOG AIRCRAFT CABLE TENSION METER

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.

MODEL	RANGE		RESOLUTION	CABLE SELECTION		
	MIN LB	MAX 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, 2.5	---
ACX-25-FM-1	0.5	25	0.2	1/16, 3/32	2.0, 2.5	---
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, 4.0	---
ACX-100-FM-1	1	100	0.2	1/16, 3/32, 1/8, 5/32	2.0, 2.5, 3.5	---
ACX-100-CMB-1	1	100	0.2	1/16, 3/32, 1/8, 5/32	---	5, 10, 15, 20, 25
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, 4.0	---
ACX-250-FM-1	1	250	0.2	1/16, 3/32, 1/8, 5/32, 3/16	2.0, 2.5, 3.5, 4.0	---
ACX-250-CWT-1	1	250	0.2	---	---	5, 10, 15, 20, 25
ACX-250-CMB-1	1	250	0.2	1/16, 3/32, 1/8, 5/32, 3/16	---	5, 10, 15, 20, 25
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, 4.5	---
ACX-500-FM-1	1	500	1	3/32, 1/8, 5/32, 3/16, 1/4	2.5, 3.5, 4.0, 4.5	---
ACX-1200-SCB-1	50	1200	1	3/16	---	---