

ACX SERIES

PRECISION AIRCRAFT CABLE DIGITAL TENSION METERS

ACCURATE

DEPENDABLE

RELIABLE



TENSITRON

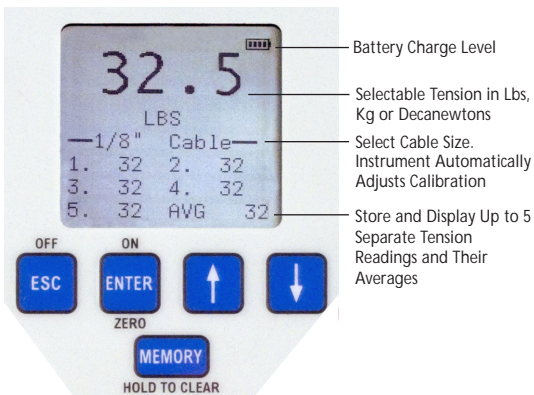
ACX



- Large, easy to read, graphic display with adjustable backlighting and contrast.
- Select tension values to indicate in Lbs, Kg or Decanewtons.
- Display shows Tension, Battery Charge level, & Cable Size selected.
- Push a button to activate the Memory Function to store and display up to five separate tension readings plus the average value (AVG) of these stored readings.
- Up to 10 calibrations can be programmed into instrument. (All calibrations are password protected to provide due diligence against unauthorized changes).
- Adjustable LCD refresh rates allow for stable, digital readings.
- All models typically available from stock.
- All models factory calibrated and ready for use.
- Includes easy to use, cable diameter gage to accurately determine correct cable size.
- All calibration values traceable to National Standards. Calibration certificate included.



*The industry standard in tension
meters and tension measuring
since 1935*



STANDARD INSTRUMENTS

MODEL	RANGE	RESOLUTION	STANDARD CABLE SELECTIONS	FULL-SCALE ACCURACY*
ACX-100	5- 100 lb	0.5 lb	1/16, 3/32, 1/8, 5/32	2%
ACX-250	20 - 250 lb	0.5 lb	1/16, 3/32, 1/8, 5/32, 3/16	2%
ACX-500	40 - 500 lb	1 lb	3/32, 1/8, 5/32, 3/16	2%
ACX-CWT	20 - 250 lb	0.5 lb	CWT-5, CWT-10, CWT-15, CWT-20, CWT-25	2%
ACX-CMB	20 - 250 lb	0.5 lb	1/16, 3/32, 1/8, 5/32, 3/16, CWT-5 - CWT-25	2%

Meters for custom applications, cable selections, and ranges are also available.

AVAILABLE OPTIONS FOR ALL INSTRUMENTS

Note: Add option-designator letter to the end of the Model Number. (For example, a Model ACX-250-E denotes a standard ACX-250 with the optional RS-232, serial output function included.)

-A ANALOG OUTPUT OPTION. 0-5 VDC or 4-20mA with software-definable ending sequences. Provided with 10' cable. Data outputted at 40 Hz.

-E RS-232 SERIAL OUTPUT OPTION. Provided with 10' cable to interface with your receiving device. Select data sampling rate from 1, 2 or 5 Hz.

-D DATA LOGGING OPTION. Capture and play back data within a user-defined time window. Select the time window; then select the sampling rate (from 1-100 Hz). After capturing the data, review it on the instrument's display or upload it using the 10' serial interface cable.

• INPUT REAL-TIME SERIAL DATA into any Windows® application using any number of software programs such as WinWedge Pro® for Windows®, or configure your Windows® operating system to capture the data via Hyper Terminal®.

Instruments can be configured with any or all options.

DATA LOGGING

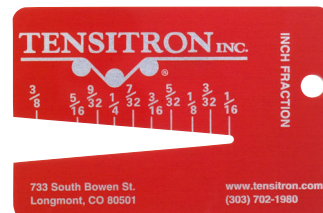
1	175
2	180
3	185
4	215
5	210
6	200
7	175

Adjustable Duration and Sampling Rates

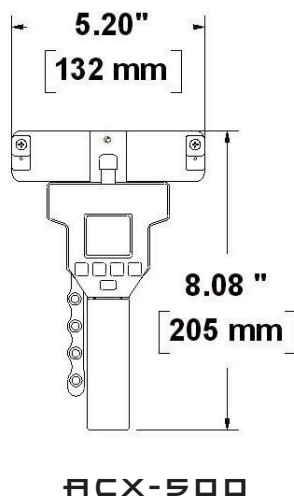
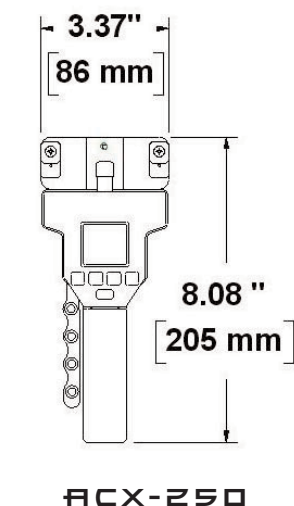
SPECIFICATIONS

- Approximate weight is 1-1/2 lb (Weight varies depending upon instrument configuration).
- Re-chargeable NIMH battery with power supply provided. Approximately 6 hours of operation per battery charge depending upon backlighting intensity.
- Power Supply operates with input voltages from 100 - 240V and includes several interchangeable "blades" allowing use with European, US, Australian and other plug configurations.
- Automatic shutoff after 10 minutes of non-use.
- Instruments may be operated continuously while connected to power supply.
- Durable, lightweight carrying case with protective foam inserts.
- **CE** certification complying with heavy, industrial immunity standards.

** Full-scale accuracy for all menu-selectable calibrations. Accuracy for custom calibrations is material-specific. Note: 1/16", CWT-5, CWT-10 and CWT cables are calibrated and tested to 200 lbs. maximum. 3/32" cables are calibrated and tested to 250 lbs. maximum.*



INCLUDES CABLE DIAMETER GAGE



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