

## CX SERIES OF DIGITAL TENSION METERS



ACCURATE  
DEPENDABLE  
RELIABLE

# TENSITRON

# CX



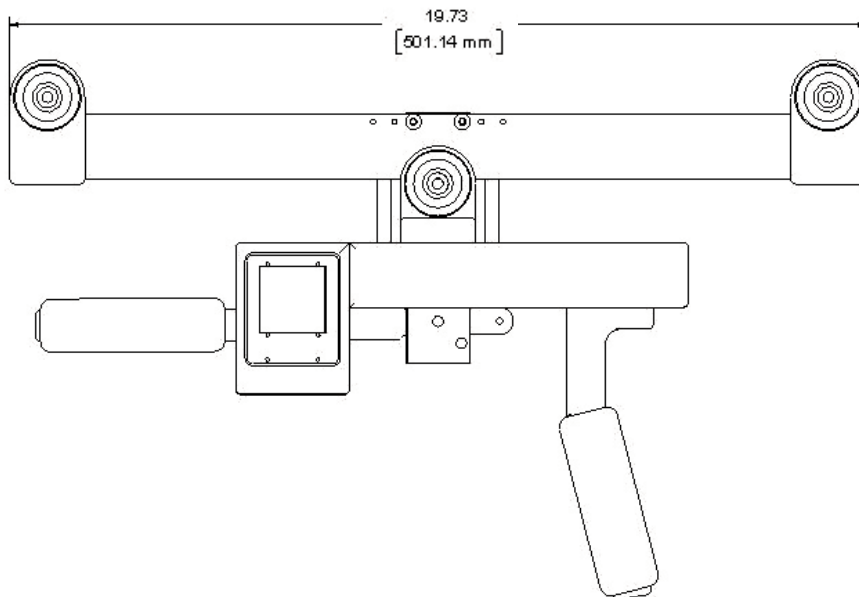
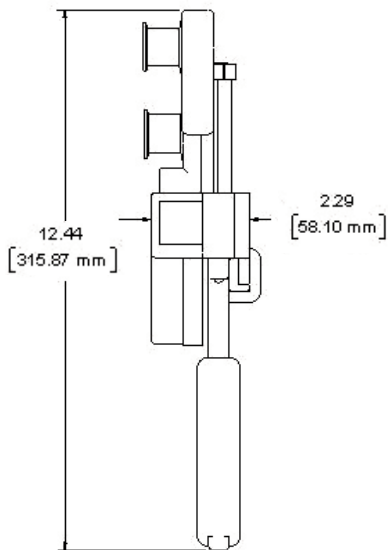
- Large, easy to read backlit, graphic display with adjustable backlighting and contrast.
- Display shows tension, name of calibration selected, minimum and maximum tension values and battery charge level.
- Select tension values to display in lb, Kg, or Decanewtons.
- Select cable size from menu. Instrument automatically adjusts calibration to correct setting.
- Accuracy is +/- 2% full-scale for all menu-selectable calibrations. Accuracy for custom calibrations is material-specific.
- Up to 10 calibrations can be programmed into instrument. (All calibrations password protected).
- Adjustable LCD refresh rates allow for stable digital readings.
- All models typically available from stock.
- All models factory-calibrated and ready for use
- Calibration values traceable to National Standards. Calibration certificate included.

**TENSITRON INC.**

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



## CX SERIES



## STANDARD INSTRUMENTS

MODEL	RANGE	RESOLUTION
<b>CX-1000</b>	50 – 1,000 lb	5 lb
<b>CX-2000</b>	100– 2,000 lb	10 lb

## AVAILABLE OPTIONS FOR ALL INSTRUMENTS

*Note: Add option-designator letter to the end of the Model Number. (For example, a Model CX-1000-E denotes a standard CX-1000 with the optional RS-232, serial output function included.)*

**-A ANALOG OUTPUT OPTION.** 0-5 VDC or 4-20 mA 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.*

## SPECIFICATIONS

- Approximate weight is 7 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.
- Instruments may be operated continuously while connected to power supply.
- Automatic shutoff after 10 minutes of non-use.
- **CE CERTIFICATION** complying with heavy, industrial immunity standards.

## DATA LOGGING

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

Adjustable Duration and Sampling Rates

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