



## Standard Features

- » Tensiometer Calibrating Machine, Model PCM-2MD-T1 can calibrate cable tension meters up to 2000 lbf capacity
- » Clear safety shield on all 4 sides with a 9 x18 inch cutout to allow operator to calibrate cable tensiometers safely
- » Eliminates need for carrying and stacking hand weights by technicians
- » Tensiometer calibration performed on long cable sizes (up to 5 ft) for maximum accuracy and repeatability
- » Calibrates other large and small force instruments including load cells, crane scales, handheld force gauges, dynamometers, ring force gauges, etc.
- » Quick adjustment of the calibration space opening for switching to new setups
- » High accuracy force reference standards calibrated with Morehouse deadweight systems
- » Several adapters and fixtures available for calibrating different types of instruments
- » Provides exceptionally fine control on the applied force to calibrate at any desired force point
- » Compatible with Morehouse Adaptable Clevis Kits for calibrating several types of dynamometers and crane scales with only one set of clevises

## Technical Specifications

Specifications	Tensiometer Calibrator
	Model: PCM-2MD-T1
<b>Calibration Capabilities</b>	
Reference Standards Available	10 to 2,000 lbf
Control Resolution*	±0.001 % of Ref Standard Capacity
Loading Mode	Compression and Tension
Loading Direction	Ascending and Descending
<b>Mechanical</b>	
Loading Capacity	2,000 lbf
Quick Adjustment Increments	2.0 in.
Maximum Stroke	4.0 in.
Weight with reference standard	260 lbs
Mounting Thread in Standard Reference	0.625"-18, UNF-2B
Standard Handwheel Diameter	6 in.
Jack Turns to Raise 1 inch	100
<b>Dimensions</b>	
Overall Dimensions (W x D x L)	22 x 13 x 87 in.
UUT Working Area (W x L)	11-7/8 x 66 in.
Maximum Tensiometer Cable Length	5 ft

\* Example: If the calibrating machine is equipped with a 1,000 lbf Morehouse Ultra-Precision standard reference load cell with 2.0 mV/V rated output, the control capability of the machine would be ±0.01 lbf or ± 0.00002 mV/V.