

Cable Tensiometer

CT12A

The Barfield CT12A Digital Cable Tensiometer was designed to meet the industry's requirements for testing and measuring the tension of aircraft cables. The CT12A measures the existing tension in 1/16" to 1/4" cables. Two different unit types are available within the product line: multi-cable and single-cable. Multi-cable units can measure up to seven different cable sizes; whereas single-cable units are customized for one specific cable size. The CT12A displays the battery life, last measured cable size, ambient temperature and cable tension.

The Barfield instrument allows users to perform an entire testing operation with one hand and without the use of conversion tables. Measurements are taken once the proper cable size is selected and when the tool is clamped onto the cable. The instrument's display then shows the resulting measurement. Both the multi-cable and single-cable units feature two modes of cable tension measurement: Standard Mode and Averaging Mode. Standard Mode gives individual cable tension measurements. Averaging Mode automatically averages three measurements.

CT12A Configurations

102-03101 (1/16" Diameter) single cable
 102-03102 (3/32" Diameter) single cable
 102-03103 (1/8" Diameter) single cable
 102-03104 (5/32" Diameter) single cable
 102-03105 (3/16" Diameter) single cable
 102-03106 (7/32" Diameter) single cable
 102-03107 (1/4" Diameter) single cable
 102-03108 (1/16" - 1/4" Diameter) multi-cable
 102-03120 (1/16" - 3/16" Diameter) multi-cable



Features

- > Meets new OEM specifications
- > 10-year useful life span
- > Rechargeable battery
- > 4-character digital display
- > Simple 3 button operation
- > Cable gauge included
- > Available as single cable fixed riser or multi-cable riser
- > No conversion table required
- > Ten (10) minute automatic shutoff feature
- > Ambient temperature reading

CT12A Dimensions

| | | |
|--------|------|------|
| | in. | cm. |
| Height | 8.75 | 22.2 |
| Width | 4.38 | 11.1 |
| Depth | 1.5 | 3.8 |
| | lbs. | kg |
| Weight | 1.2 | 0.54 |

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