



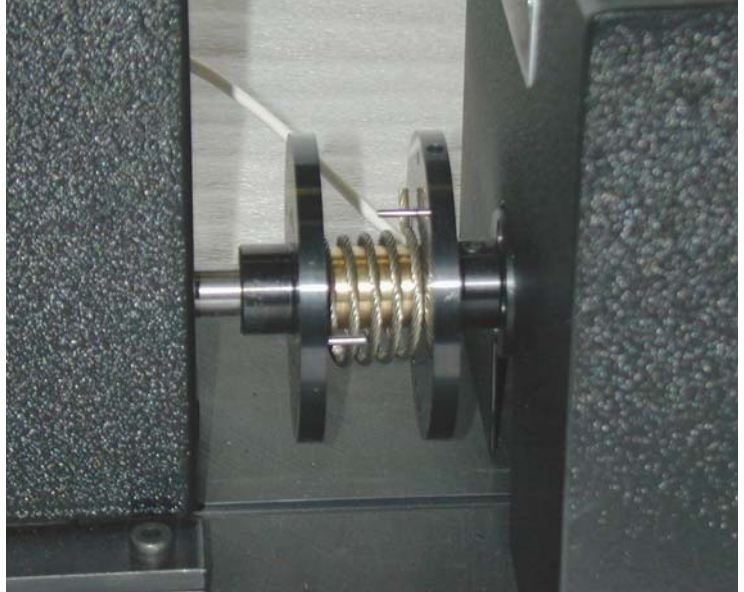
EL483 Torsion Spring Tester

Capacity: 50, 100, 200, 1000 lb-in

The Model EL483 Torsion Spring Testers are designed for accuracy and simplicity of use. Three models accommodate a wide range of torsion springs.

The testers are adaptable to many spring configurations by utilizing universal fixture plates and movable pins. The drive member may be slid to the location appropriate for spring type and length, thereby simulating the operating condition of each spring. For testing, the spring is placed into position and loaded to the required degrees of rotation.

The testers use the Model 3700 Display Module to display spring load and angle displacement. It can be used to classify the springs being tested and is switchable from English to Metric units. WIN3700 Software and cabling are included to allow the testers to interface with a computer.



Features

- Universal Fixture Plates
- Mechanical Overload Protection
- Capture Torque at 8 Preset Angles
- Capture Angles at 8 Preset Loads
- Automatic Spring Rate Computation
- Spring Classification
- Metric to English Conversion



For more information on the Model EL483 Torsion Spring Tester and how it can be configured to meet your testing requirements, contact LINK at 734-453-0800 or sales@linkeng.com

Disclaimer:

Information presented in this brochure is for informational purposes only. Link Engineering Company reserves the right to make changes, alterations and substitutions to the machines, components or other information presented in this brochure without prior notice. For the latest information contact Link Engineering Company.

Equipment pictured in this brochure may be shown with safety equipment removed or disabled for purposes of illustration. Equipment must never be operated with safety equipment removed or disabled. 290406

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EL483 Torsion Spring Tester

Capacity: 17.7, 50, 100, 200, 500, 1000 lb-in

Typical Specifications

Model	EL483-17.7	EL483	EL483-1000
Load Cell	17.7 lb-in (in-line torque cell)	50 lb-in 100 lb-in 200 lb-in	500 lb-in 1000 lb-in
Spring Size	7 cm B x 15 cm L (3"D x 6" L)	7 cm B x 15 cm L (3"D x 6" L)	7 cm B x 15 cm L (3"D x 6" L)
Tester Dimensions	8" W x 11" H x 26" D	8" W x 11" H x 26" D	12" W x 18" H x 30" D
Tester Weight	80 lbs	80 lbs	250 lbs
Power Requirement (Display Module)	95-250 VAC, 47 - 63 Hz US plug standard		

Model 3700 Display Module is used to collect and display spring tester data. The system consists of the display module, external power supply and cabling. An optional printer allows the module to automatically printout results as the load is released. An RS232 null-modem cable is included.

LINK's patented "Pass-Thru" feature provides a fast and accurate means of testing "on the run". The operator presets up to 8 loads or 8 heights at which the spring is to be tested. As the spring is being compressed beyond each control point, the system captures and retains the corresponding height or load. "Pass-Thru" capability is available on the load apply or return stroke.

Spring rate can be automatically calculated and displayed by selecting any two, non-corresponding set points (height or load).



The Model 3700 provides a digital display and can be switched between English and metric units. The module is powered with a universal power supply with US plug (standard).

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