



EL6 Spring Tester for Compression/Tension Testing Loads up to 900 Kg (2000 lb)

The EL6 Spring Tester has evolved as the most accurate, most easily read, and fastest means of testing springs for compression and tension. The EL6 is a precision instrument, designed to provide extremely accurate test capabilities for wide variety springs.

The load apply mechanism incorporates two hand wheels for simple and safe operation. One has a direct drive for rapid movement of the upper platen. The second wheel is geared to provide mechanical advantage to the operator, when loading the spring.

The EL6 is comes standard with the Model 3700 Display Module which allows "Pass-Thru" production testing, automatic spring rate calculation, and classification of springs. An optional printer is available.

Features

- Hand wheel load apply for simple, safe operation
- Robust construction for long service life
- Capture loads at up to 8 preset heights
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- Auto spring rate computation
- Spring classification
- Metric to English conversion
- Win3700 Software



The package includes our WIN3700 Software and RS232 Cable enabling the EL6 to be connected to a computer for test data storage and export to third party spreadsheet and SPC programs.

For more information on the Model EL6 Compression/Tension Spring Tester and how it can be configured to meet your testing requirements, contact LINK at 734-453-0800 or sales@linkeng.com

Disclaimer:

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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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Link Engineering Company

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EL6 Typical Specifications	
Load Cells (1 standard)	225 kg (500 lb)
	450 kg (1000 lb)
	675 kg (1500 lb)
	790 kg (1750 lb)
	900 kg (2000 lb)
Daylight Opening	304 mm (12 inches)
Platen Diameter	125 mm OD (6 inches)
Load Accuracy	0.25 % Full Scale
Height Resolution	0.1 mm (0.0004 inches)
Power Requirement	95-250 VAC, 47-63 Hz (for Display Module)

- Options**
- Squareness Under Load Testing
 - Extended Daylight to 610 mm (24 inches)
 - Tension Hooks
 - Custom Platens
 - Custom Fixtures
 - Printer
 - Tablet Computer, Laptop, or PC

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 load 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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