



T4B Spring Tester For Compression and Tension Testing

The Model T4B Spring Tester is a new addition to its ever-capable family of spring testers. Not only does this tester maintain and surpass the already high levels of accuracy, repeatability and ruggedness, but with this tester Link Engineering has found a way to make it more adaptable to the users needs.

A rotary encoder has been designed into the T4B Tester which enables the movement of the compression head up and down the tester's column. As a result, the user is able to test a wide variety of springs on one tester while maintaining accuracy and repeatability.

The T4B utilizes the Model 3700 Display Module which offers the capability to carry out our patented "Pass-Thru" testing. Spring rate is computed automatically, and measurements can be displayed in both English and Metric.



FEATURES

- Adjustable Height Compression Head
- Robust Construction
- Capture Load at up to 8 Preset Heights
- Capture Height at up to 8 Preset Loads
- Automatic Spring Rate Computation
- Spring Classification
- Metric / English Switching
- Win3700 Software

The T4B can be used for testing compression and tension springs, washer and Belleville-type springs, spring forms, rubber, gaskets and seals, depending upon configuration. It can also be used for Squareness Under Load testing with the optional Digital SUL unit and, if required, LINK can provide spring pilots as well.

For more information on the Model T4B Spring Tester or any of our spring testing products, 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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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).

Typical Specifications	
Load Cells (1 standard)	20 kg (44 lb)
	30 kg (66 lb)
	50 kg (110 lb)
	75 kg (165 lb)
	100 kg (220 lb)
Daylight Opening	150 kg (330 lb)
	228 mm (9 inches) compression 190 mm (7.5 inches) tension
Stroke	177 mm OD (7 inches)
Platen Diameter	67 mm OD (2.65 inches)
Load Accuracy	0.1 % Full Scale
Height Resolution	0.01 mm (0.0004 inches)
Power Requirement	95-250 VAC, 47 - 63 Hz US plug standard

- ### OPTIONS
- Digital Squareness Under Load Testing
 - Extended Daylight
 - Tension Configuration and Hooks
 - Custom Platens
 - Custom Fixtures
 - Printer
 - Tablet Computer, Laptop, or PC

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