



## Digital Squareness Under Load Test Unit for Link T4B and EL4 Spring Testers

The new LINK Digital Squareness Under Load unit allows compression springs to be tested for "Squareness Under Load". Realizing the troubles caused by unsquare springs, engineers often specify that springs must have their ends ground within certain close limits or squareness with the center line, as checked at free height. However, a spring may have its ends ground exactly at right angles to the center line at free height and still be considered out of square at its rated load.

The Link Engineering DSUL test unit has made this condition easily proven by test. Any test made on this spring tester at free height is merely a check on the accuracy of grinding and the true value of a spring can only be determined by test when compressed under its rated load. With the DSUL installed on Link Spring Tester, squareness can be tested at any designated test height or load.

### Features

- 1500 ppr rotary encoders
- Gimballed platen on roller bearings
- Upper and lower platen

Squareness Under Load testing is simple with the LINK DSUL. The operator merely needs to apply the test load and read the resultant angle from the display. By using Win3700 software with a PC, test data can be stored and recalled as required.

#### 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. 290407



The DSUL unit consists of a 3" diameter platform that is gimballed on roller bearings. As the spring is compressed the lower end of the spring and the platen are free to rotate to a static, unsquare position. The two rotary encoders on the DSUL provide a signal to the Model 3700 Display Module which calculates and displays the resultant angle.

The DSUL is designed to work with the LINK Model 3700 Display Module and can be fitted to the T4B Spring Tester. It can be retrofitted for use on the Model EL4 Spring Tester.

*For more information on the Digital Squareness Under Load unit and its capabilities, contact LINK at 734-453-0800 or sales@linkeng.com*

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