



# Model EL1

## Spring Tester



## Applications

- Compression
- Tension
- Squareness Under Load

## Product Overview

The Model EL1 Spring Tester is a precision instrument designed to provide accurate test results for low load springs and resilient materials. Rugged construction and high precision make this a durable device for accurate compression and optional tension testing of springs, spring forms, and resilient materials.

This tester utilizes the Model 3700/3701 display module that offers a real time display of load and height measurements along with data collection of several key spring testing parameters that can be displayed on the module, or output to a computer for generation of real-time load graphs, evaluation with third party SPC software, and data storage.

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# Model EL1

## SPECIFICATIONS

|                                  |                                   |
|----------------------------------|-----------------------------------|
| Operating Voltage                | 95 Vac to 250 Vac, 50/60 Hz       |
| Load Cell Range                  | 2.3 kg (5 lb) up to 11 kg (25 lb) |
| <b>Load Cell Specifications:</b> |                                   |
| - Total Error                    | ± 0.25 % of rated output          |
| <b>Height Specifications:</b>    |                                   |
| Daylight Opening - Maximum       | 101 mm (4 in)                     |
| Stroke                           | 101 mm (4 in)                     |
| Height Resolution                | 0.005 mm (0.0002 in)              |

## Key Benefits

- Low cost, laboratory grade spring tester
- Digital display for load and height
- Automatic load cell deflection compensation
- Simple operation

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