Model 3442 Miniature Extensometers

Very small, rugged, yet ultra-light weight. These units are widely used for testing small and delicate samples. Ideal for many biomedical tests, as well as for wire and thin sheet materials. Also great for cycle fatigue testing where short samples are used.

Model 3542 Axial Extensometers

General purpose extensometers for axial tensile, compression, and cyclic testing. Gauge lengths from 0.5 to 2 inches (10 to 50 mm) are available in measuring ranges from 5% to 100% of the gauge length.

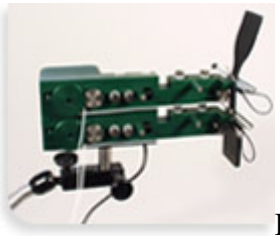
Model 3543 Long Gauge Length Extensometers

Available in gauge lengths from 2 inches (50 mm) and larger with measuring ranges up to 4 inches (100 mm), these extensometers allow the capture of the full stress-strain curve to failure.

Model 3560 Bi-Axial or Axial Averaging Extensometers

A single integral unit that provides averaged axial strain measurement. This model is also configurable with options for measuring both the averaged axial strain and the transverse strain.

Model 3800 High Elongation Extensometers



Designed for plastics, rubbers, and elastomer testing, these extensometers have very long measuring ranges. Their unique design allows testing to failure and minimizes interaction with the sample.

Laser Extensometers

These extensometers are high precision non-contacting units for strain measurement in materials testing. They use a high speed laser scanner to measure the spacing between reflective tape strips on the sample.

Model 3542L Axial Extensometers

Axial extensometer specially designed for long gauge length applications where low level strain measurements are required.