

High Elongation Extensometer

Universal Testing System

The Extensometer adds the capability of testing elastomeric materials such as rubber, vinyl, semi-rigid plastics, and plastic films to the EJA Vantage Universal Materials Tensile Tester.

Quick release clamps are ergonomically designed to allow one-handed operation for ease of specimen loading and operator safety. The clamping force is easily adjusted to control the pressure exerted on the sample. The extensometer is equipped with 2 independent optical encoders for increased accuracy and durability. A thumbscrew mechanism ensures accurate gage length adjustment.

The EJA Vantage interfaces directly with the extensometer and results are automatically displayed utilizing MAP software.

Features

- Quick release clamps
- Single-handed specimen loading
- Adjustable gage length
- Spring-adjustable clamping force

SPECIFICATIONS

Travel

Maximum: 914 mm (36 in)
Minimum: 0.508 mm (0.02 in)

Resolution

0.001 in (0.025 mm)

Specimen Gauge Length

Maximum: 50.8 mm (2 in)
Minimum: 12.7 mm (0.5 in)

Maximum Specimen Thickness

6.35 mm (0.25 in)

Maximum Specimen Width

15.9 mm (0.625 in)

Operating Temperature

Ambient

Physical Specifications

Dimensions:

228.6 mm L x 101.6 mm W x 1372 mm H
9 in L x 4 in W x 54 in H

Gross Weight: 16.3 kg (36 lb)

Net Weight: 4.5 kg (10 lb)

Specifications subject to change without notice.



▲ The Extensometer enables the measurement of highly elastic materials with Thwing-Albert's Vantage.

