

A fully programmable universal tester designed for use in the rubber and textile industries. An American-made product available worldwide with good performance at a reasonable cost.

## Features

- User-programmable testing sequences.
- Many interchangeable grips.
- Meets ASTM D412, D575 and D624.
- tensiDATA software is included for data acquisition, control and analysis.
- Cabinet design improves access to maintenance items.
- Pneumatic sample grips.
- High elongation extensometer.

## Specifications

|                           |   |
|---------------------------|---|
| <b>CAPACITY:</b>          | 15 kN (3500 lb)   |
| <b>LOAD CELLS:</b>        | 40 to 15,000 N (9 to 3300 lbf)                                  |
| <b>LOAD ACCURACY:</b>     | ±0.5% (10 to 100% FS)   |
| <b>STRAIN RANGE:</b>      | 115 cm (45 in)  |
| <b>STRAIN RESOLUTION:</b> | 0.01 mm (0.0005 in)   |
| <b>SPEED:</b>             | 0.25 to 1500 mm/min (0.01 to 60 in/min)                         |
| <b>SPEED ACCURACY:</b>    | ±0.5%   |
| <b>CROSSHEAD WIDTH:</b>   | 45 cm (18 in)   |
| <b>ELECTRICAL:</b>        | 110/220 VAC<br>50/60 Hz<br>20 amps                              |
| <b>AIR PRESSURE:</b>      | 95 psi (660 kPa)  |
| <b>DIMENSIONS:</b>        | Width 61 cm (24 in), height 152 cm (60 in,) depth 56 cm (22 in) |
| <b>WEIGHT:</b>            | 90 kg (180 lb)  |
| <b>TABLE:</b>             | 76 X 152 cm (30 X 60 in)  |
| <b>COMPUTER REQUIRED</b>  |   |



tensiTech+

[www.alpha-technologies.com](http://www.alpha-technologies.com)

## Performance

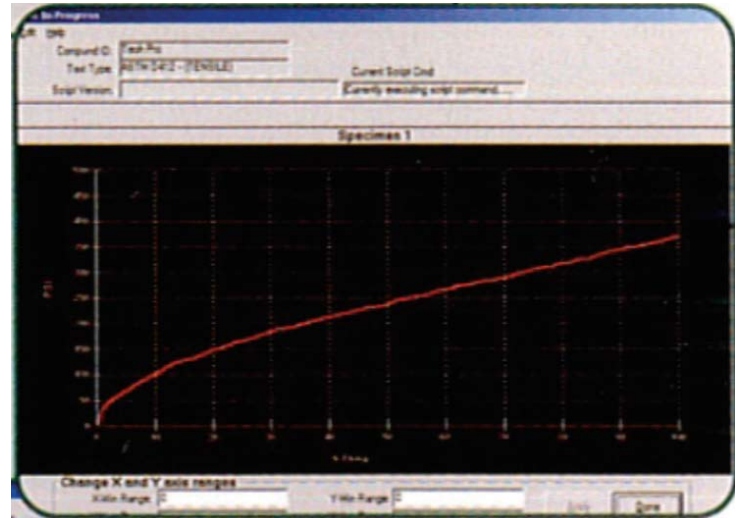
- Measure tensile modulus of materials.
- Suitable for quality control and research and development.

## Options

- Grips: o-ring, wire wedge and flexural.
- Digital thickness gauge.
- Computer.

## Test Capabilities

- User definable crosshead movement.
- User definable data output.
- Pass/fail specifications.
- Up to 20 specimens per test.
- Various units for time, force, stress and strain.



Stress strain curve from tensiTECH+