



SST-3XS Seal Strength Tester

Measures tensile and compression forces such as seal strength of heat seals in plastic films. Tests are performed to recognised international standards e.g. ASTM F88, ISO EN 868-5.

Touch Screen Precision Seal Strength / Tensile / Compression Tester for determining mechanical properties of packaging materials including plastics, paper and board.

Producing consistent and repeatable packaging for your product not only ensures minimal handling damage, but is vital in delivering a consistent brand to your customers. Precise measurement of the mechanical properties of materials and final packages is one way to ensure consistency and reduce material costs.

Specification

Models

SST-3XS (300mm travel)

SST-3XS Extended (500mm travel)

Drive Mechanism

DC synchronous motor and gearbox with ball screw and crosshead

Speed Control

1mm/min to 1000mm/min +/- 0.5%

Speed Feedback

Via in line encoder

Touch Panel Screen

LCD, 256 Colour, QVGA, 320 x 240 pixels, 14.48cm diagonal viewing
Touch screen, analogue resistive (gonze) with serial controller
Processor Geode SC2200. 266 MHz
MMX compatible. 2 mbyte, on board flash memory for firmware 64 MB
Dram main memory

Load Range

Selectable load cell

0 – 5Kg (0 – 50N) +/- 0.25%

0 – 10Kg (0 - 100N) +/- 0.25%
(Standard)

0 – 25Kg (0 - 250N) +/- 0.25%

0 - 50Kg (0 - 500N) +/- 0.25%

Standard Grips

Light duty side entry vice grips

Travel

300 mm or 550mm effective travel

Output

RS 232

Power

80 – 240 VAC single phase 50/60 Hz
500W Max

Environment

5-50°C ambient operating temperature, RH 75% max
(non-condensing)

Accuracy and versatility in testing is vital, and the SST-3XS provides the technology and range of options to deliver for your specific needs. An intelligent controller and touch screen user interface stores multiple settings for later recall, and controls settings to ensure calibrated accuracy to international testing standards.

Standard Equipment Supplied

0 – 10Kg (0-100N) load cell

Side and top entry vice grips
1000g check weight

Options Available

PC data acquisition software

Grips as required – discuss with RDM

Friction test attachment to ASTM or BS

Roller for adhesive tape and label adhesion (90° peel)

Flat plate for adhesive tape and label adhesion (180° peel)



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