

SST-3XS

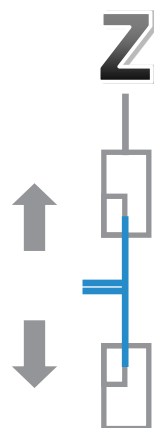
Seal Strength Tester

THE 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.



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.



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SST-3XS Seal Strength Tester

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)

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)

