

# 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.



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.



RDM Test Equipment  
Unit 39 Golds Nurseries Bus. Park  
Jenkins Drive, ELSENHAM  
Hertfordshire, CM22 6JX, UK

## Specification

<b>Models:</b>	SST-3XS Mini (300mm travel) SST-3XS Maxi (500mm travel)
<b>Drive Mechanism:</b>	DC synchronous motor and gearbox with ball screw and crosshead
<b>Speed Control:</b>	1mm/min to 1000mm/min +/- 0.5%
<b>Speed Feedback:</b>	Via in line encoder
<b>Touch Panel Screen:</b>	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
<b>Load Range:</b>	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%
<b>Standard Grips:</b>	Light duty side entry vice grips
<b>Travel:</b>	300 mm or 550mm effective travel
<b>Output:</b>	RS 232
<b>Power:</b>	80 - 240 VAC single phase 50/60 Hz 500W Max
<b>Environment:</b>	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 – please discuss with Sales
- 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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