

SST-3XS MINI SEAL / TENSILE TESTER

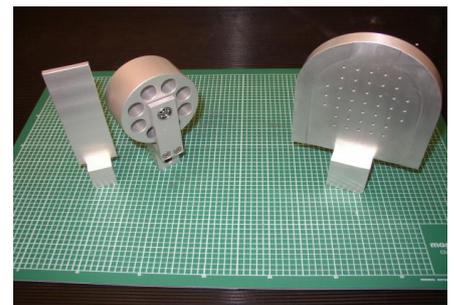


Overview

The SST-3XS Mini Seal/Tensile Tester has been developed as a highly specialised machine to measure accurate low loads in tension and compression up to 50Kg (500N). Similar to its bigger brother, the SST-3XS Mini has a shorter lead screw and therefore a shorter travel distance, making it more convenient to use and operate. The machine is ideal for seal strength testing and general tension and compressive testing as required by the packaging plastics and paper industries. The new SST-3XS Mini features the latest in design and technology for machine set up, testing, measurement and recording using touch panel screen display units. Reliable control of the motor and lead screw drive system gives an impressive speed range that will fit your testing requirements. A range of grips and attachments enables a whole number of testing applications within the packaging plastics/paper and board industries



Optional Co-Efficient of Friction
Attachment BSI/ASTM/DIN Test
Methods



Adhesive Label/Tape
Attachments 180° / 90°



Specification

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% Fro 0 – 10Kg (0 - 100N) +/- 0.25% Fro 0 – 25Kg (0 - 250N) +/- 0.25% Fro 0 - 50Kg (0 - 500N) +/- 0.25% Fro
Standard grips:	Light duty side entry vice grips
Travel:	Min 300 mm effective travel
Output:	RS 232
Power:	80 – 240 VAC single phase 50/60 Hz 500W Max:
Environment:	5-50C 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:

- Grips as required – please discuss with Sales
- Friction test attachment to ASTM or BS
- Roller for adhesive tape and label adhesion (90° pull)
- Flat plate for adhesive tape and label adhesion (180° pull)



Main Screen



Measurement Screen



Trend Screen