

SST-3XS Seal / Tensile Tester



The SST-3XS Seal / Tensile Tester has been developed as a highly specialized machine to **measure accurate low loads in tension and compression up to 50Kg (500N)**. The machine is **ideal for seal strength measuring and general tension and compressive testing** as required by the packaging, plastics and paper industries.

The new SST-3XS 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.



SST-3XS Seal / Tensile Tester

Standard equipment supplied:

- 10 kg (0 - 100 N) load cell
- Side and top entry vice grips
- 1000 g check weight

Options:

- Grips as required
- Friction (COF) test attachment, according to DIN, ASTM or BS
- Roller or flat plate for adhesive tape and label adhesion (90° pull)
- Software package for date logging via RS232 link

Specification:

Drive mechanism:	DC synchronous motor and gearbox with ball screw and cross-head
Speed control:	0.1 mm/min to 1000 mm/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 MB, on board flash memory for firmware 64 MB Dram main memory
Load range:	Changeable load cell with automatic ranging 0 - 5 kg (0 - 50 N) = +/- 0.25 % Fro 0 - 10 kg (0 - 100 N) = +/- 0.25 % Fro 0 - 25 kg (0 - 250 N) = +/- 0.25 % Fro 0 - 50 kg (0 - 500 N) = +/- 0.25 % Fro
Standard grips:	Light duty side entry vice grips
Output:	RS 232
Power:	80 – 240 V AC single phase 50/60 Hz 500 W Max