

# Series 540 Sealant Tester

The ATS Series 540 Computer-Controlled Sealant Tester is by far the most versatile system in our line of sealant testing equipment. Designed for load capacities of up to 4,000 lbf (17.7 kN), all tester functions are accessed and controlled through a Windows™ based personal computer. Displacement, speed, and cycle count are fully adjustable, and numeric displays provide continuous feedback on all test parameters.



## Features

- Computer controlled test functions
- Emergency stop system
- Overtravel limits
- Optional heat/cool chamber featuring precise digital temperature control and liquid N<sub>2</sub> or CO<sub>2</sub> cooling allows testing to be performed at temperatures ranging from -76°F to 248°F (-60°C to 120°C)
- Compact bench-top test frame with smooth servometer drive
- High level of crosshead speed accuracy ( $\pm 0.05\%$  of indicated speed)
- Unlike conventional UTMs, the Series 540 features dual load rods for even load distribution

## Product Specifications

Capacity	4,000 lbf (17.7 kN)
Frame Type	Bench top, vertical
Fixture Alignment	Precision columns
Drive Type	Dual-screw, single-motor, computer-controlled
Constant-Speed Testing	.002 - 20 in./min (0.1 - 500.0 mm/min)
Variable-Speed Testing	.002 - 20 in./min (0.1 - 500.0 mm/min)
Maximum Travel	1.0" (50.8mm) (extension)
Specimen Capacity	12 (standard)
Power Requirements	230VAC 60 Hz