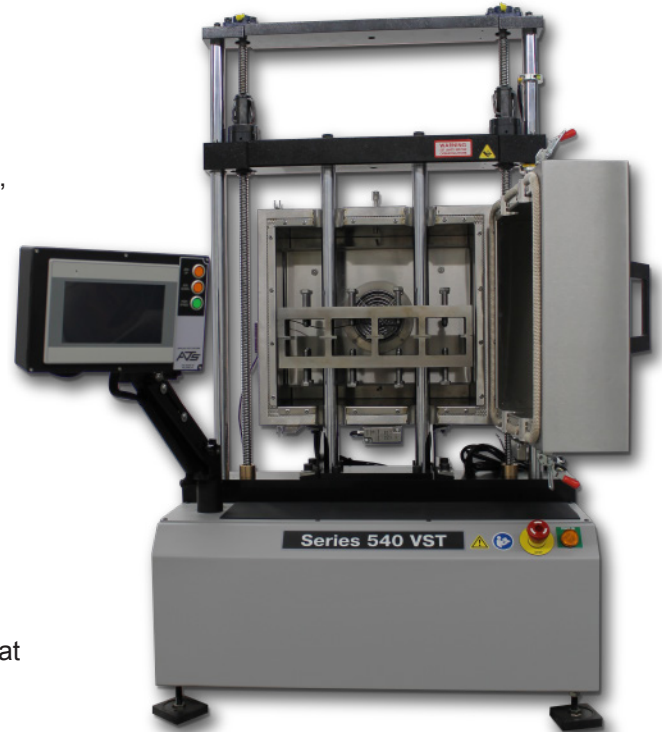


Series 540 Sealant Tester

The ATS Series 540 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 side mounted touch screen. Displacement, speed, and cycle count are fully adjustable, and numeric displays provide continuous feedback on all test parameters.

Features

- Adjustable Touch Screen
- Emergency stop system
- Overtravel limits
- Optional hot/cold chamber featuring precise digital temperature control and liquid N₂ or CO₂ 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 servomotor 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
- Modified wide specimen fixture available for testing to ASTM D5329



Product Specifications

| | |
|------------------------|--|
| Variable-Speed Testing | .002 - 20 in./min (0.1 - 500.0 mm/min) |
| Specimen Capacity | 12 (standard) |
| Load Capacity | 4,000 lbf (17.7 kN) divided by number of samples |
| Frame Type | Bench top, vertical |
| Drive Type | Dual-screw, single-motor |
| Fixture Alignment | Precision columns |
| Power Requirements | 230 VAC, 1 ph, 50/60 Hz |