

Series 540 Vertical 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 5,000 lbf (22.2 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. The Series 540 meets ASTM C719, C910, C920, C736, and when paired with the ATS wide specimen fixture, ASTM D5329.



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 (0.05 - 508 mm/min)
Specimen Capacity	12 (standard)
Load Capacity	5,000 lbf (22.2 kN) divided by number of samples
Frame Type	Bench top, vertical tester
Drive Type	Dual-screw, single-motor
Fixture Alignment	Precision columns
Power Requirements	230 VAC, 1 ph, 50/60 Hz, 15 A
Dimensions	31.5 in W x 24.5 in D x 53 in H
Approx. Weight	500 lb