

Series 510/520 Sealant Tester

The ATS Series 510 and 520 Sealing Compound Testers have been designed to test the durability of joint sealants in load capacities up to 1,000 lbf (4.44 kN). Both machines are capable of determining Aymar durability and performing other constant-speed tests per ASTM and U.S. Federal specifications. The Series 520 also performs variable-speed testing per JIS and other standards.



Features

- User friendly controls housed in a separate cabinet
- Predetermining cycle counter with reset
- Dial indicator provides precise setting of amplitude, extension, and compression
- Design features include precision stainless steel guide rods, electronic clutch, and an optional handwheel for manual positioning and setup of the test fixture
- Optional cooling chamber available to chill specimens to temperatures as low as -30°F (-34°C) during testing

Product Specifications

Load Frame	Series 510	Series 520
Drive Type	Single-screw, single-motor	Single-screw, user-selectable dual-motor
Variable-Speed Testing	n/a	0.11 - 2.5 in./min (2.8 - 63.5 mm/min)
Capacity	1,000 lbf (4.44 kN)	
Frame Type	Bench top, horizontal	
Fixture Alignment	Parallel guide rods	
Constant-Speed Testing	0.125 in./hour (3.2 mm/hour)	
Maximum Travel	0.125 in. (3.2 mm) (extension & compression)	
Specimen Capacity	4 (standard), 8 or 12 (optional)	
Power Requirements	115VAC 60Hz or 230VAC 50/60 Hz	