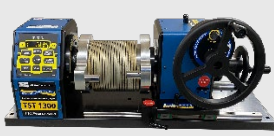




Larson
Systems Inc.



Torsion Spring Tester Feature Comparison	TST 200	TST 1300	ATST
Torque Measurement	✓	✓	✓
Angle Measurement	✓	✓	✓
Z-Axis Length Measurement Option	N/A	Opt	✓
Manual Operation	✓	✓	N/A
Motorized Operation	N/A	N/A	✓
Standard Part Length Capability	11.5"	11.5"	11.5"
Maximum Part Length Capability	48"	48"	24"
Standard Part Diameter Ø Capability	8"	8"	8"
Maximum Part Diameter Ø Capability	8"	10"	17"
Standard Angle Resolution	0.1°	0.1°	0.1°
Maximum Angle Resolution	0.1°	0.1°	0.1°
Range	1,000,000°	1,000,000°	1,000,000°
Accuracy	0.2° / 3,600°	0.2° / 3,600°	0.2° / 3,600°
Torque Cell - 0.3 in-lb / 3 g-mm / 34 N-mm	✓	✓	N/A
Torque Cell - 3 in-lb / 35 g-mm / 339 N-mm	✓	✓	N/A
Torque Cell - 25 in-lb / 288 kg-mm / 2,825 N-mm	✓	✓	✓
Torque Cell - 100 in-lb / 1,152 kg-mm / 11,299 N-mm	✓	✓	✓
Torque Cell - 200 in-lb / 2,304 kg-mm / 22,597 N-mm	✓	✓	✓
Torque Cell - 500 in-lb / 5,761 kg-mm / 56,493 N-mm	N/A	✓	✓
Torque Cell - 1,300 in-lb / 14,978 kg-mm / 146,883 N-mm	N/A	✓	✓
Smart Interchangeable Torque Cartridges	Opt	Opt	Opt
Interchangeable Tooling	✓	✓	✓
Custom Tooling Option	✓	✓	✓
Universal Tooling Option	✓	✓	✓
Deflection Compensation	✓	✓	✓
Absolute Zeroing	✓	✓	✓
Digital Calibration	✓	✓	✓
Battery or AC Powered	✓	✓	N/A
NIST Traceable Calibration	✓	✓	✓
FLASH Touch Screen Interface	N/A	N/A	✓
Virtually Unlimited Data / Program Storage	N/A	N/A	✓
Fatigue Testing Option	N/A	N/A	✓
Factory Options	TST 200	TST 1300	ATST
Optional Bed Extension for 24" Parts	✓	✓	✓
Optional Bed Extension for 48" Parts	✓	✓	N/A
X-Axis Compression Adjuster Option	✓	✓	N/A
X-Axis Linear Scale Option	✓	✓	N/A

Tester Software	TST 200	TST 1300	ATST
2 Point with Rate (Torsion)	Opt	Opt	Opt
Limit Lights & Full Statistical Analysis	Opt	Opt	Opt
Calculated Free Angle	Opt	Opt	Opt
Peak Test Mode	N/A	☑	Opt
Interchangeable Torque Cartridge Capability	Opt	Opt	Opt
Safety Features	TST 200	TST 1300	ATST
Test Abort Button (On Screen & Remote)	N/A	N/A	☑
Fully Interlocked Enclosures	N/A	N/A	☑
Software Torque Limits	N/A	N/A	☑
Emergency Stop Button	N/A	N/A	☑
Connectivity & PC Software	TST 200	TST 1300	ATST
Internal RS 232 Capability	N/A	Opt	N/A
RS 232 to Parallel Adapter Cable	Opt	Opt	N/A
Ethernet Port for Network Connectivity	N/A	N/A	☑
USB Port	N/A	N/A	☑
Remote Support / Diagnostic Capability	N/A	N/A	☑
SSS - PC Statistical & Spreadsheet Interface Software	Opt	Opt	Opt
Torsion Spring Tester Feature Comparison 060-6000-0172-02			