

AUTOMATIC SPRING TESTING MACHINES

CUSTOMIZABLE



SRT-D50K-U

- Suitable for static testing of various springs and spring assemblies
- High-precision and high-stability embedded computer measurement & control system
- Six-column gantry high-rigidity frame equipped with four lead screws and double guide rails to realize four-sided parallel loading
- Three load cells arranged in a triangular layout to eliminate eccentric loading caused by misaligned specimen placement
- Real-time acquisition of load-displacement curves and other test data; automatic saving and printing of test reports. The system supports multi-condition data query for efficient management of massive test data



SRT-D1000K-U

SPECIFICATION

Part No.	SRT-D50K-U	SRT-D100K-U	SRT-D200K-U	SRT-D300K-U	SRT-D600K-U	SRT-D1000K-U
Max. test force	50kN	100kN	200kN	300kN	600kN	1000kN
Range of test force	1%~100%FS					
Resolution of test force	1/100000FS					
Accuracy of test force	±0.5% of indicated value					
Micro-feed resolution	±.00039" (0.01mm)					
Resolution of displacement	.00039" (0.01mm)					
Accuracy of displacement	±(50+0.15L)μm (Note: L is the distance between two compression fixtures, mm)					
Speed range	.039~19.69in/min(1~500mm/min) .039~13.78in/min(1~350mm/min)					
Max. compression spring height*	39.37"					
Max. tension space*	41.34"					
Diameter of compression fixture*	11.02" DIA		15.75" DIA		19.69" DIA	
Power supply	AC 110V, 60Hz, 3kW		AC 480V, 3Ø, 60Hz, 5.5kW		AC 480V, 3Ø, 60Hz, 7.5kW	
Dimension (L×W×H)	55.12×31.50×98.43"		64.17×31.50×98.43"		82.68×90.55×161.42"	
Net weight	1477.10lb		4409.24lb		15432.34lb	

*Can be customized according to test requirements

STANDARD DELIVERY

Main unit	1 pc
Computer	1 pc
Measurement Software	1 pc
Printer	1 pc
Pull clamp	1 pc
Compression fixture	1 pc