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1-3kN HSFT Spring Fatigue Testing Machine

Product description:

Spring Fatigue Testing Machine



(http://www.hssdgroup.com/PRODUCT/PRODUCT/Spring_Testing_Machine/)

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PRODUCT DETAILS PRODUCT VIDEO

Application:

This machine is mainly suitable for axial fatigue life test of various spiral cylindrical springs, gas springs, elastomers, elastic components and other components.

Features:

- The fuselage is made of high-quality thick steel plate to ensure that the machine can withstand the effects of long-term load and will not cause deformation;
- The test area is equipped with a transparent visual protective net to ensure the safety of the test operators;
- Test loading Select domestic high-quality precision AC motor, the output torque performance is stable, reliable operation, and overcome the impact of unstable torque output on the machine.
- Load sensor adopts precision spoke type sensor, which has the advantages of high measurement accuracy, good dynamic response, good lateral force resistance and stable performance.
- Newly added lubrication and oil guiding system can realize automatic filling, automatic collection and reuse of lubricating oil in the test part, which changes the secondary pollution of the machine caused by the overflow of lubricating oil in the past and greatly reduces the manual operation.

Main parameters:

Model	HSFT-1S HSFT-1W	HSFT-2S HSFT-2W	HSFT-3S HSFT-3W
Max. Load(kN)	1	2	3
Test station	Single (Standard) or multiple springs (Optional)		
Vertical maximum space	200mm Can be customized		
Transverse maximum space	150mm Can be customized		
Frequency range (adjustable)	0-5Hz 300 times/minute		
Test frequency	According to actual specimen		
Counting stop accuracy	1		
Test machine amplitude	50mm		
Maximum deformation of specimen	100mm		
Counter capacity	99999999		
Power	AC 22V±10% 50Hz		



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