

HST-HFT-A Hydraulic Servo Fatigue Tester with T-slot table



Picture for reference only

1. Application

It is mainly used to detect the static and dynamic mechanical properties of metal and nonmetal materials. It can realize mechanical tests such as tension, compression, tension-tension, compression-compression and tension-compression, as well as high-cycle fatigue, lowcycle fatigue, crack growth, fracture toughness and other tests, and realize various waveform outputs such as sine wave, triangle wave, square wave, etc.

Standards

DIN 50100, ASTM E399, ASTM E466 ,ISO 6892

3. Specifications

ODEL	HST-HFT504A	HST-HFT105A	HST-HFT255A	HST-HFT505A
Maximum dynamic force	±50kN	±100kN	±250kN	±500kN
Maximum static force	50kN	100kN	250kN	500kN

Load range	2%-100%FS			
Testing machine accuracy	±0.5%	Static indication accuracy: Dynamic loading accuracy: ±1%		
Actuator dynamic stroke	150mm			
Displacement measuring range	0～150mm(±75mm)			
Displacement measurement resolution	0.001mm			
Deformation indication relative error	±0.5%			
Sine wave test Frequency	Standard: 0.01～30Hz;Optional: 0.01～50Hz; 0.01～100Hz(Static pressure support cylinder)			
Vertical test space	1000mm	1000mm	750mm	750mm
Effective distance between column	533mm	533mm	760mm	760mm
Main frame stiffness	3×10 ⁸			
Machine frame sizes	990X1000X2555mm		864X1000X3574mm	
Machine frame weight	1200kg		1200kg	
Coaxiality of hydraulic fixture	5%			
Power supply	AC 380V± 10%, 50Hz			

HST GROUP Co., LTD.

NO. 4915, West Jingshi Road, Jinan 250012, PR CHINA.

Tel: +86-159 1008 1986

www.hssdgroup.com - e-mail: admin@hssdtest.com