
HST-HFT-A 2500kN Electro-hydraulic Servo Static Stiffness Fatigue Tester



Picture for reference only

1.Application:

It is widely used in tensile and compression of materials and components, low cycle, high cycle, crack propagation, fracture mechanics and various other dynamic and static mechanical properties tests. High and low temperature tests can be carried out with high and low temperature devices.

The testing machine is a fatigue testing equipment widely used in the world, and is widely used in the testing fields of automobiles, ships, aerospace, aviation, military, education, scientific research institutes and the like.

2. Standards

ASTM D3039, ASTM D2344, ASTM D790, ASTM D3518, ASTM D5023, ASTM D5024, ASTM D5026, ASTM D5418, ASTM D5992, ASTM D6272, ASTM D7028, ASTM E21, ASTM E290, ASTM E517, ASTM E646, ASTM E8-E8M, ASTM E9, ISO 10113, ISO 10275, ISO 14125, ISO 6892-1, ISO 6892-2, ISO 7438, ISO 14129, ISO 527-4, ISO 527-5, ISO 6721-4, ISO 6721-12, EN 2561, EN 2562, EN 2597, EN 2746, EN 6031

3. Specifications

Model	HST-HFT2500A
Maximum test force (Static)	2500KN
Maximum test force (Dynamic)	±2500 KN
Load range	2%-100%FS
Test force indication accuracy	Dynamic ±1%; Static 0.5%
Displacement measurement range	±75mm (total stroke 150mm)
Displacement measurement resolution	0.001mm
Deformation indication relative error	±0.5%
Effective test space	254-1500mm
Frequency Range	Standard machine 0.01-30HZ, optional 50HZ, 100HZ, 200HZ
Power supply	AC 380V± 10%, 50Hz

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