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PRODUCT DETAILS

PRODUCT VIDEO

1. Application

This series computer Control Electro-hydraulic Servo Fatigue Testing Machine is mainly used to detect a variety of metals, non-metallic materials and small movable member, the static mechanical properties test. It can do tensile, compression, bending, low cycle and high cycle fatigue, crack growth, fracture mechanics test under sine, triangle, square wave, trapezoidal wave, random wave, combination waveform.

This Test machine is flexible, moving beam down, locking the sample holder by button operations, the use of advanced hydraulic servo drive technology loaded, high precision and high resolution dynamic load sensor magnetostrictive displacement sensor specimens force values and displacement.

2. Standards

2.1 GB / T2611-2007 《Tester General technical requirements》

2.2 GB / T16826-2008 《Hydraulic servo universal testing machine》

2.3 GB 3075 《Axial fatigue testing metal》

2.4 JB / T9379-2002 《Tension and compression fatigue test machine technical conditions》

2.5 GB / T228-2010 《Metallic materials at room temperature tensile test method 》

3. Specifications

Model		HWS-50	HWS-100	HWS-200	HWS-250
Load Capacity(kN)	Static	50	100	200	250
	Dynamic	±40	±80	±160	±160
Measurement	Load	±1.0% of Reading			
Accuracy	Displacement	±1.0% FS of Each File			
	Deformation	±1.0% of Reading			
Range Of Frequency		0.1 ~ 15Hz / 20Hz / 50Hz			
Stroke of Piston(mm)		±50	±50	±75	±75
Distance Between Columns(mm)		500	500	700	700
Distance Between Grips(mm)		50~600			
Specification of constant voltage servo pump station		flow≥37L/min, 21Mpa, 380V three phase			



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