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LAW-G 600KN 1000KN Computer Control Steel Strand Tension Testing Machine

Product description:

Application: This machine is mainly used in the tensile mechanical properties test of the steel strand wire test. Widely used in space flight and aviation, petrochemical industry, mechanical manufactu



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PRODUCT DETAILS

PRODUCT VIDEO

Application:

This machine is mainly used in the tensile mechanical properties test of the steel strand wire test. Widely used in space flight and aviation, petrochemical industry, mechanical manufacture, plastic, rubber, ceramic, building materials, metal material, constructional engineering and university and college, mining industry, research institution and other fields.

Product description :

Main components: Host, oil source, measurement and control system ,manual control the test process ,computer dispose the test data and calculate FM, RPO.2, RM and Ft test result of the materials automatically after stop.

Model	LAW-600G	LAW-1000G
Max.test force(kN)	600	1000
Structure	4 columns two ball screws, chain transmission, oil cylinder down-setting type	
Test machine class	1 Class	
Test force range (FS)	2%-100%	
Relative error of force reading(%)	≥±1	
Test force resolution	1/20000	
Deformation measurement range (FS)	2% ~ 100%	
Deformation resolution	1/20000	
Relative error of deformation reading (%)	≥±0.5	
Displacement resolution (mm)	0.01	
Relative error of displacement reading (%)	≥±0.5%	
Max. piston speed (mm/min)	0-90mm/min stepless speed adjusting	
Beam adjust speed (mm/min)	250	
Piston stroke(mm)	150	
Max. Tensile space (mm)	1000	
Effective column space (mm)	600	730
Tension fixtures configuration	Hydraulic automatic clamping type	
Stranded wire clamping range(mm)	Φ12.7 or Φ15.2 or Φ15.2 mm	
Power supply	380V/50Hz/Three-phase four-wire system	
Compression grip	Φ160 sphere automatically leveling compression grip	
Optional parts		
Tensile grip clamp round specimen diameter(mm)	Φ13-Φ40	Φ13-Φ50
Tensile grip clamp flat specimen thickness	0-15mm	0-30mm
Bending grip	Three points bending grip	
Bending roller upper and lower diameter	3×Φ30mm	
Power supply	3-phase,AC380V, 50Hz (can be customized)	



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