

50kN,100kN Robot automatic electromechanical tensile testing machine



Picture is for reference only

Application:

Robot automatic electronic tensile testing machine is composed of electronic tensile host, equipped with automatic extensometer, code scanning system, weighing and length measuring device, ABB robot, sample holder, control system, software, etc. The fixture of the testing machine is hydraulic Flat push clamps.

Robot automatic electronic tensile testing machine is used for tensile testing of batches of bar samples, and is suitable for automatic measurement of tensile performance indicators of hot-rolled ribbed steel bars. It is an ideal testing equipment for industrial and mining enterprises, scientific research institutes, colleges and universities, commodity inspection arbitration, technical supervision and other departments to conduct tensile tests on batches of bar samples.

Specification:

Model	HST-50-AT	HST-100-AT
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Capacity(kN)	50kN	100
Calibration standard	0.5 according to ISO 7500-1 - Meets ASTM E-4	
Accuracy grade	0.5 of reading	
Testing load accuracy		
Deformation accuracy		
Displacement accuracy		
Force range	0.2%-100%	
Force resolution	Capacity/500, 000 (fully auto scaling of single measurement range)	
Force accuracy	0.5 of reading	
Beam speed adjustment	0.005-500mm/min	
Sample length	500-700mm	

HST GROUP Co., LTD.

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

Tel/Whatsapp: +86-159 1008 1986

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

Address: Jinan, Shandong, China

Phone: +86 159 1008 1986