

Universal Testing Machine Series

Model	AUTO5105
Specifications	100KN
Application	It is suitable for a variety of metallic and non-metallic materials tensile, compression, bending, shear, peel, and other mechanical properties. It is equipped with the appropriate accessories, under the high, low or normal temperature could carry out durable creep, Stress relaxation materials and other material performance test.

AUTO5105



AUTO5205 AUTO5305



Model	AUTO5205 AUTO5305
Specifications	200kN、300kN
Application	It is suitable for a variety of metallic and non-metallic materials tensile, compression, bending, shear, peel, and other mechanical properties. It is equipped with the appropriate accessories, under the high, low or normal temperature could carry out durable creep, Stress relaxation materials and other material performance test.

AUTO5505 AUTO5605



Model	AUTO5505 AUTO5605
Specifications	500kN、600kN
Application	It is suitable for a variety of metallic and non-metallic materials tensile, compression, bending, shear, peel, and other mechanical properties. It is equipped with the appropriate accessories, under the high, low or normal temperature could carry out durable creep, Stress relaxation materials and other material performance test.

Universal Testing Machine Series

AUTO5504



Model	AUTO5504
Specifications	50KN
Application	It is suitable for a variety of metallic and non-metallic materials tensile, compression, bending, shear, peel, and other mechanical properties. It is equipped with the appropriate accessories, under the high, low or normal temperature could carry out durable creep, Stress relaxation materials and other material performance test.



AUTO3000



Model	AUTO3000
Specifications	1kN, 2kN, 5kN, 10kN, 20kN
Application	The test machine is suitable for a variety of metallic and non-metallic materials tensile, compression, bending, shear, peel, and other mechanical tests.

AUTO2000A AUTO2000B



Model	AUTO2000A AUTO2000B
Specifications	1kN, 2kN, 5kN, 10kN, 20kN
Application	This machine is mainly suitable for rubber, plastic, paper, leather, metal wire, metal foil, food packaging, textile fibers, wire and cable, adhesives, connectors and other material's tensile, compression, bending, shear, peel, tear etc. mechanical tests

LCD Electronic Tensile Testing Machine

AUTO1000



Model	AUTO1000
Specifications	100N、200N、500N、1000N、2000N
Application	The test machine is mainly suitable for rubber, paper, leather, metal wire, metal foil, food packaging, textile fibers, wire and cable, adhesives, connectors, and other material's tensile, peel, tear etc mechanical tests.

The main technical parameters

Model	AUTO1102	AUTO1202	AUTO1502	AUTO1103	AUTO1203
Maximum load	100N	200N	500N	1000N	2000N
Accurate grade	1 grade				
Measuring Range	1%~100%FS				
Relative Error	Within ±1%				
Indication Error	±0.5%				
Displacement resolution	0.001mm				
Test Speed Range	0.05~500mm/min				
Speed Relative Error	Within ±1%				
Max Moving Crossbeam	500mm/1200mm				
Machine size	L520×G440×H1500mm				
Power Supply	220V/50Hz, 100W~300W				
Machine weight	25kg~50kg				

Microcomputer Control Pressure Testing Machine

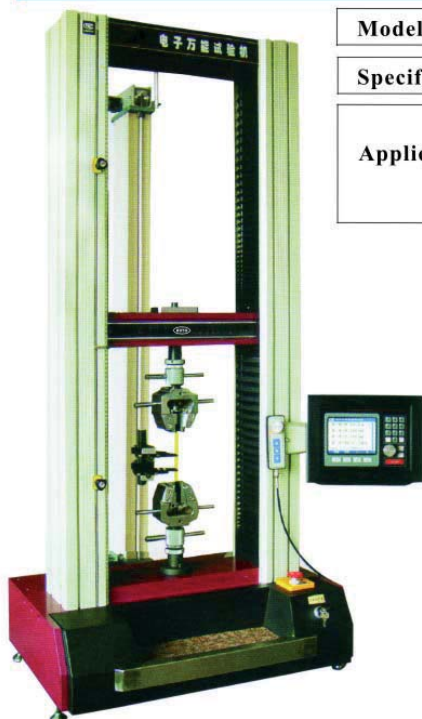


Model	AUTO-104	AUTO-204	AUTO-504
Maximum load	10KN	20KN	50KN
Accurate grade	1 grade		
Effective measuring range	0.4%~100%FS		
The relative error of test force	Within ±1%		
Test force resolution	1/120000 (Test force resolution unchanging)		
The relative error of displacement value	Within ±0.5%		
Displacement resolution	0.001mm		
Range of testing speed	0.01~100mm/min		
The relative error of speed	Within ±1%		
To set constant test force fluctuations	Within ±1%		
The max travel of moving crossbeam	1500mm		
Upper and lower platen area	1000mm*1000mm		
Machine size	L1500×G1000×H2400mm		
Power supply(220V/50Hz)	350W	450W	750W
Machine weight	1200kg		

Model	AUTO-104 AUTO-204 AUTO-504
Specifications	10kN、20kN、50kN
Application	This machine is mainly suitable for the packaging container of anti- pressure test and the stacking test, with a long time Paul upload function,also it can carry out opposite angle and edge compression tests

Universal Testing Machine Series

Computer-controlled Electronic Torsion Testing Machine



Model	AUTO100 AUTO200 AUTO500 AUTO1000
Specifications	100Nm、200Nm、500Nm、1000Nm
Application	This machine is mainly applied to reverse the performance tests of metal , non-metallic , mechanical parts. Meet national standards metal torsion test method at room temperature.

The main technical parameters

Model	AUTO100	AUTO200	AUTO500	AUTO1000
Maximum torque	100N.m	200N.m	500N.m	1000N.m
The measuring range of torque	0.4%~100%FS			
The grade of accuracy	1 grade			
The relative error of torque	Within $\pm 1\%$			
Torque resolution	1/120000 (Torque resolution unchanging)			
Torsion angle measuring range	0~1000rad			
The relative error to torsion angle	$\pm 0.5\%$			
Reverse speed range	0.036~360°/min			
The relative error of speed	Within $\pm 0.5\%$			
Holding the sample size range	Provide Customized Service		$\phi 8 \sim \phi 40$	
The distance between heads	300mm		500mm	
Machine size	220V/50Hz,200W		380V/50Hz,750W	
Power supply	L300×G900×H1100mm		L530×G1690×H1100mm	
Machine weight	100kg		500kg	

The main technical parameters

Model	AUTO3000					AUTO5000					
Specification	3103	3203	3503	3104	3204	5504	5105	5205	5305	5500	5605
Max test force	1KN	2KN	5KN	10KN	20KN	50KN	100KN	200KN	300KN	500KN	600KN
Accurate grade	0.5grade										
Effective measuring range	0.4%~100%FS Inside and outside , regardless of file										
The relative errorof test force value	Within ±0.5%										
Test force resolution	1/300000 Solution unchanging										
Deformation measurement range	0.2%~100%FS Inside and outside, regardless of file										
The relative error of deformation value	Within ±0.5%										
Deformation resolution	1/300000										
The relative errorof displacement value	Within ±0.2%										
Displacement resolution	0.001mm										
The adjusted range of test speed	0.005~500mm/min					0.0025~250mm/min					
The relative errorof speed value	Within ±0.5%										
Uniform test force rate control range	0.01%~10%FS/s										
Uniform test force rate control error	<0.05%FS within ±2% ≥0.05%FS within ±0.1%										
Uniform deformation rate control range	0.01%~10%FS/s										
Uniform deformation rate control error	<0.05%FS within±2%; ≥0.05%FS within±0.1%										
Control Range Control Accuracy	0.5%~100%FS										
Control Range Control Accuracy	≤10%FS within ±1% >10%FS with±0.1%										
The max travel of moving crossbeam	1100mm					1200mm					
Effective test width	410mm		510mm			570mm			600mm		
Machine size	L75×G55×H160cm			L90×G57×H201cm			L110×G61.4×H220cm			200kN L120×G76×H250cm 500kN L132×G79×H260cm	
Power supply	220V/50Hz,500W			220V/50Hz,500W			220V/50Hz,1kW			380V/50Hz,2kW 380V/50Hz,4.5kW	
Machine weight	260kg			800kg			900kg			2000kg	