



Universal Tensile Strength Tester (Dual Column) GT-C01-1



Application:

This Universal Tensile Strength Tester is designed for conduct tensile, compression, bending, shearing, bonding strength, peeling, tearing and other tests for rubber, plastic, leather, metal, nylon line, fabric, paper, aviation, packaging, construction, petrification, electrician, vehicle and other materials. universal testing machine is a basic equipment of quality control, receiving inspection, physical test, mechanics research, material development.

Standards:

ISO13934-1, 13934-2, 13935-1, 13935-2, 13936-1, 13936-2, 13936-3, 13937-2, 13937-3, 13937-4, 1421, 2411, 2062, 4674-1, 5082, 9073.3, 9073.4, 9073.18

ASTM D 434, D751, D885 , D1683, D2256, D2261, D2724, D2731, D3787, D4034, D4964, D5034, D5035, D5587, D5733, D5735 .
 BS 2543, 2576, 3320, 3424, 4303 , 4304,
 M&S P11, P12, P13, P14
 JIS L1096

Dimensions

External Dimension:
820*630*1800 mm (L*W*H)
Package Dimension:
910*630*1820 mm (L*W*H)
Gross Weight:
175KG
Net Weight:
216KG



Feature

- Adopt AC PANASONIC AC servo drive system, Taiwan SESAME gear reducer, synchronous pulley, TBI precision ball screw components make instrument beam move stable with low noise & high precision of extension.
- Adopt aluminum alloy column shell, deal with high temperature & solidify injection on the machine surface will never fade.
- This machine adopt many kinds of protection measures:
 - Beam's limit cams protecting device
 - Clamp touch avoid protecting device
 - Set up protection on displacement & load software
 - Sensor overload protection, Sample load software protection
 - Overcurrent & overvoltage protection
- Real time supervision to main parts, more safe & reliable while using machine.
- This fabric strength testing machine adopt open system: user can edit test program, data analysis formula, test report according to test material's category, character and test methods requires.
- This Universal Tensile Strength Tester provide many kinds of humanity automatic mode.
- While using electronic clamp, trial initiation can set as clamp grip autostart or pre-tension auto grip start. It also set as clamp auto open after finished test.
- This universal testing machine also can set clamping distance and auto location.
- The distance of scraping can be set freely.

Key Specifications

Model	GT-C01-1A	GT-C01-1B
Max. Capacity	5KN	10KN
Display	Computer Display Mode	
Force Resolution	1/100,000	
Force Accuracy	≤+/-0.2%	
Stroke Resolution	0.001 mm	
Test Speed	0.01-1000mm/min, Can Set by Computer	
Stroke Space	1400mm	
Gantry Structure Width	400mm	
Stop Mode	Overload Stop, Emergency Stop Button, Specimen Damage Automatic Stop, Upper & Lower Limit Set Automatic Stop, Automatic Return Function	
Machine Drive	Servo Motor Drive, Synchronous Wheel and Precision Ball Screw Drive	
Dimensions(WxDxH)	820x630x1800mm	820x630x1600mm
Power Supply	AC 220V 50/60HZ 10A	
Weight	140kg	

Accessories	1set	Pneumatic Grips
	1pc	English Operation Software
	1pc	Cable Connect with PC
	1pc	Load Cell
	1set	Computer
Optional accessories	Optional	Load Cell 50N, 100N, 250N, 500N, 750N, 1KN, 2.5KN
	Optional	Other Grips