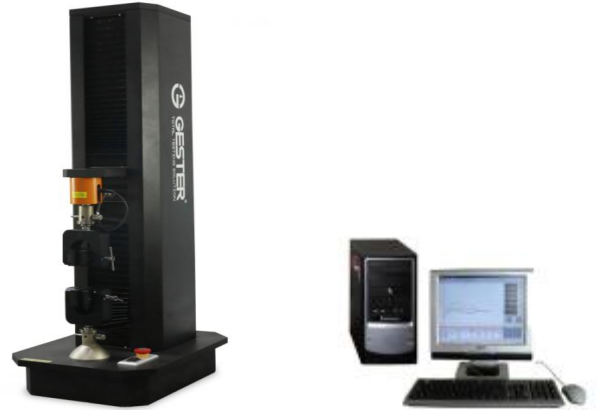


## Product Presentation

### Application

This tester is designed for conduct tensile, compression, bending, shearing, bonding strength, peeling, tearing and other tests for rubber, plastic, leather, metal, nylon line, yarn, fabric, paper, aviation, package, construction, petrification, electrician, vehicle and other materials.

It is a basic equipment of quality control, receiving inspection, physical test, mechanics research, material development.



### Feature

- This machine adopt AC servo drive system, reducer, synchronous pulley, TBI precision ball screw components, instruments beam moving smoothly with low noise and high precision extension.
- This machine adopt aluminum column shell, deal with high temperature & solidify injection on the machine surface will never fade.
- This machine adopt many kinds of protection measures:
  - a. Beam's limit cams protecting device
  - b. Clamp touch avoid protecting device
  - c. Set up protection on displacement & load software
  - d. Sensor overload protection
  - e. Sample load software protection
  - f. Overcurrent & overvoltage protection
- Real time supervision to main parts, more safe & reliable while using machine.
- This 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 machine provide many kinds of humanity automatic mode. While using electronic clamp, trial initiation can set as clamp grip autostart or pre-tension autogrip start. It also set as clamp auto open after finished test.
- This machine also can set clamping distance and auto location.
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## Key Specification

Model	GT-C02-1A	GT-C02-1B
Display	Computer Display	
Max. Capacity	2.5KN	5KN
Force Resolution	1/100000	
Force Accuracy	≤+/-0.2%F.S	
Stroke	1000mm	
Test Speed	0.01-1000mm/min	
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	
Power	200W	
Power Supply	AC 220V 50/60HZ	
Dimensions ( W x D x H )	670×480×1440mm	
Weight	120kgs	

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

## Accessories

Standards accessories	1set	Pneumatic Grips
	1pc	English Operation Software
	1pc	Cable Connect with PC
	1pc	Load cell
Optional accessories	Optional	Other Grips and Load Cell
	1set	Desk Top Computer