



Universal Testing Machine For Footwear (Dual Column) GT-K01



Application:

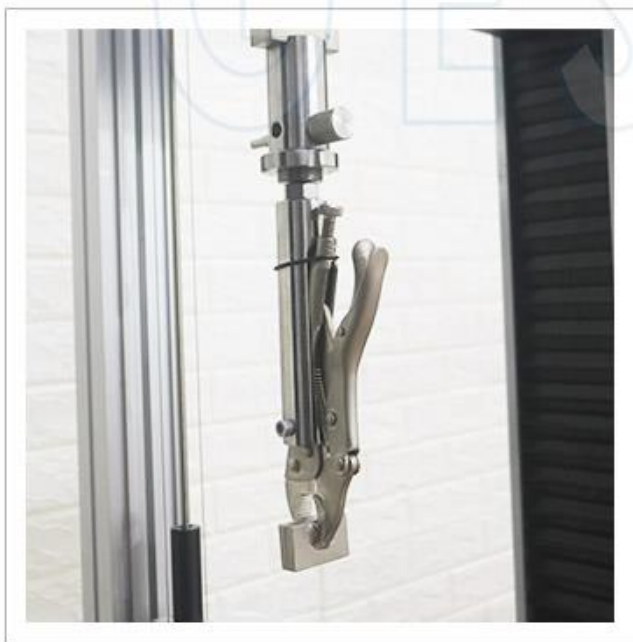
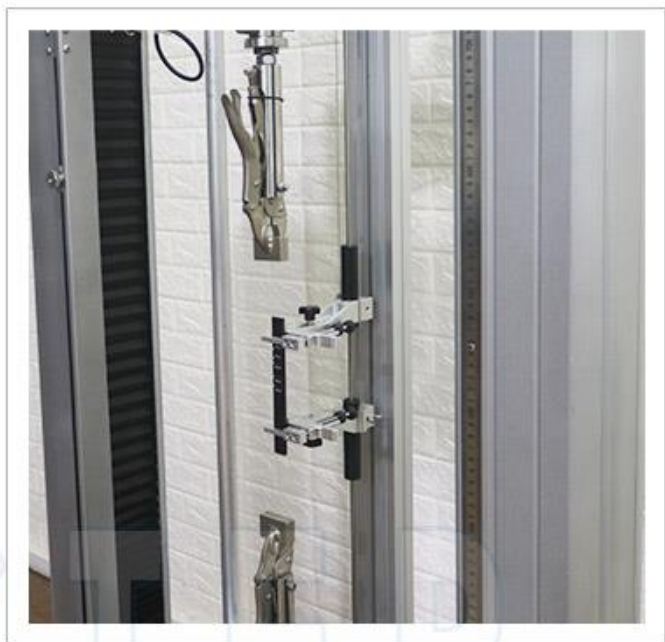
This **universal tensile tester** is designed for conducting tensile, compression, bending, shearing, bonding strength, peeling, tearing and other tests for shoes, rubber, plastic, leather, metal, nylon line, fabric, paper, aviation, packaging, construction, petrification, electrician, vehicle and other materials. It is a basic equipment of quality control, receiving inspection, physical test, mechanics research, material development.

Standards:

SATRA TM5, TM53, TM52, TM51, TM108, TM113, TM117, TM118, TM120, TM123, TM149, TM162, TM401, TM 411, TM 410,
 ASTM D 751/2209 /412/624 FIA 1206,
 BS 5131- 3.7, 5.11, 5.13 , BS 5131-2.6
 ISO 22650, ISO 19958, ISO 3377-1, ISO 3377-2, ISO 11644, ISO 20866, ISO 20867, ISO 19957, ISO 20874, ISO 20344-5.2.4, ISO 20345-5.3.1.2, ISO 17698, ISO 20875, ISO 22777, ISO 22776, ISO 22654, ISO 20863, ISO 20876, ISO 17695, ISO 17697, ISO34-1, ISO36, ISO37, ISO 17708, ISO 17696, ISO 17706, ISO 22650
 AS/NZS 2210.2-5.2.4
 DIN 53331,
 GB/T 3903.8, GB/T 3903.9, GB/T3903.14 ,GB/T3903.20, GB/T3903.21, GB/T3903.22, GB/T 3903.23 , GB/T 3903.24, GB/T 3903.25, GB/T 3903.26, GB/T 3903.29, GB/T3903.32,GB/T 3903.39,GB/T 3903.40, GB/T 3903.43, GB/T 4689.20, GB/T20991-5.2.4, GB 21148-5.3.1.2, GB/T 17928, GB/T529, GB/T528, GB/T532, GB/T11413, GB/T21396
 QB/T 2711, QB/T2675, QB/T2883, QB/T4118, QB/T4198
 HG/T 2726, HG/T 2877, HG/T4805

Feature

- 1.The power system: servo motor and servo drivers and worm gear and rod reducer and ball screw.
 - 2.Control system: adopting Pulse Command control method, it will be more accuracy and easy to control.
 - 2.The speed control range: 0.001-500mm or 0.001-1000mm/min (option)
 - 3.The intermediate plate adjustment is both fast coarse and slow fine-tuning.
 - 4.It will return to original site and save automatically ater testing.
 - 5.Data transmission mode: RS232 transmission.
 6. This instrument can realize constant speed, positioning, constant power, constant stroke control mode and multi-level control mode which can meet the test requirements of the ordinary.
 7. Testing space: test width is 400 mm (standard)
 8. All plate walking space: 1200 mm (excluding fixture, according to the customer requirements).
 9. The entire displacement: the encoder is 1800 P/R, it can improve 4 times accuracy
 10. Using the LINE DRIVE encoder strong anti-interference ability displacement resolution 0.001 mm.
- Safety device: overload emergency stop device, up and down stroke limit device, leakage automatic blackout system, automatic breakpoint stop function.



Key Specifications

Model	GT-K01
Max. Capacity	5KN,10KN, 20KN
Display	Computer display mode
Force Resolution	1/100,000
Force Accuracy	$\leq \pm 0.5\%$
Stroke Resolution	0.001 mm

Extensometer Resolution	0.001 mm	
Test Speed	0.001-1000mm/min	
Walking space	1400mm (it can be custom-tailor according to their requirements)	
Force Unit Switch	Kgf, N, lbf, g, ton, Mpa	
Stop Mode	Overload stop, emergency stop button, specimen damage automatic stop, upper & lower limit set automatic stop, automatic reset function	
Machine Drive	Servo motor drive, synchronous wheel and precision ball screw drive	
Power Supply	AC 220V 50/60HZ 10A	
Dimensions	110cm x 70cm x 240cm(WxDxH)	
Weight	370kg	
Standards accessories	1set	Manual grips
	1pc	English operation software
	1pc	Cable connect with PC
	1set	Extensometer
Option accessories	Optional	Desk Top Computer
	Optional	Other grips