

Electronic Fiber Tensile Strength Test Machine (Single Column) GT-B02-1

Product Introduction


Application:

Electronic Fiber Tensile Strength Testing Machine (Single Column) can be applied to test lots of materials in breaking tenacity, elongation at break, load at specified elongation, elongation at specified load and creep test, such as natural fiber, chemical fiber, metal wire, hair, carbon fiber and other materials.

Standards:

GB/T14337, 14344, 9997, 13835.5, ISO 5079, 11566, ASTM D 3822, BS 4029

Dimensions

External Dimensions:	
500*400*600mm(L*W*H)	
Package Dimensions:	
520*420*620mm(L*W*H)	
Gross Weight:	
50kg	
Net Weight:	
25kg	

Feature

- 1.The frequency of dynamic data collection is 200 times per second. Less loss of peak, the resulting test value is better, and reflects the mechanical property objectively.
- 2.LCD display, can operate Chinese & English menu display, more convenient and clear, avoid faulty operation.
- 3.High reliability and long service life.
- 4.NXP32-bit industrial-grade single-chip control, 16 A / D converter, strong anti-jamming performance, fast data transmission.
- 5.Linear density can be set freely.
- 6.Testing data (such as the maximum, minimum, average, etc.) display along with the time.
- 7.Force value can be set freely.
- 8.Computer processing reports, graphics, screen display or print output.
- 9.The calibration of force value using digital display, easy to understand.
- 10Built-in embedded printer, no need to configure additional printing equipment.
- 11.Manual Clamp.

Key Specifications

Model	GT-B02-1
Gripping Style	Manual
Measuring Range	1000cN (1%~120%)
Resolution	0.01cN
Measuring Accuracy	$\leq \pm 0.05\%F \cdot S$
Testing Speed	2~200mm/min (Setting freely)
Stroke Space	$\leq 200\text{mm}$
Elongation Resolution	0.01mm
Min. Clamping Distance	0.1mm
Location Mode of Clamping Distance	Digital setting, automatic positioning
Unit-conversion	N, cN, Kgf, mm, lb, in
Dimensions	500×400×600mm
Weight	25kg
Power Supply	AC220V/50Hz, 120W