



Electronic Single Fiber Strength Tester GT-B01



Application:

Electronic Single Fiber Strength Tester is used for test of tensile strength of various chemical fiber, cotton yarn, wool, silk, linen and glass fiber.

Standards:

ISO5079, ISO11566, GB/T997, GB/T14337, DIN 53816

Dimensions

External Dimensions:
370 300 * 550mm(L*W*H)
Package Dimensions:
390*320*570mm(L*W*H)
Gross Weight:
80kg
Net Weight:
55kg



Feature

- 1.Dynamic Data Sampling Frequency is More than 200HZ, ease to catch peak value, most precisely indicate property of textile material.
- 2.Sharp blue LCD Panel, the operator simply selects the required test module and test standard.
- 3.Manually Positioning system with stepper motor and screw rod support.
- 4.Use Misbishi 16bit MCU, Misbishi 16bit A/D converter, more excellent anti-jamming, more rapid data transfer.
- 5.Clock auto generating, and be visual consistently.
- 6.Real time display of on-going test data (Like mean square value,average,max,min,etc).
- 7.Able to preset tensile force.
- 8.Force unit:N,Kgf,1b,in,cN can be switched freely.
- 9.Report,digram are handled by computer and print out from printer.

Key Specifications

Model	GT-B01-1	GT-B01-2
Speed Range	1~199mm/min	0.2~200mm/min
Gripping style	Manual	Pneumatic
Load Range	0~100cN, 200cN, 300cN, 500cN	
Load Resolution	1/50000	
Load Accuracy	≤±/0.05%F.S	
Accuracy	1%-100% Capacity of Load Cell ±/0.5% 0.5%-1% Capacity of Load Cell ±/0.10%	
Frequency of data sampling	≥200Hz	
Elongation Resolution	0.1mm	
Max. Vertical test space	100mm	
Available Length of sample	0-100mm	
Presetting Force	0.1cN, 0.15cN, 0.2cN, 0.3cN, 0.4cN, 0.5cN	
Dimensions	370 x 300 x 550mm (L x W x H)	
Weight	55kg	
Standard accessories	1Set	Manual Grips
	1pc	English Software
	1pc	Data cable
Optional Accessories	1Set	Printer
	1Set	Desktop Computer