

## Table Single-Yarn Strength Tester GT-A02B

### Product Introduction

Application:

Single-Yarn Strength Tester is used to test the breaking strength and elongation percentage of various cotton, wool, linen, silk, chemical fiber, core-spun single yarn, pure or blending natural or chemical fiber yarns.

Standards:

GB/T14344, GB/T3916, ISO2062, ASTM D2256

### Dimensions

<b>External Dimensions:</b>	
370*530*930mm(L*W*H)	
<b>Package Dimensions:</b>	
390*550*950mm(L*W*H)	
<b>Gross Weight:</b>	
80kg	
<b>Net Weight:</b>	
60kg	

### Feature

1. Dynamic Data Sampling Frequency is More than 800HZ, ease to catch peak value, most precisely indicate property of textile material.
2. Clamp distance can be set freely, and positioned automatically according to the setting system.
3. Support online operation and with specialist software analysis system for data analysis and backup.
4. Domestic first creation sample test and data-processing software with multithreading.
5. Software can online analyze data and show the statistic value of breaking strength, elongation rate, yield strength, initial modulus, and plastic deformation.

### Key Specifications

Model	GT-A02B
Working Patton	Computer control,digital display test data and test,print test results
Testing range	0~1000cN、0~3000cN、0~5000cN
Measuring accuracy	$\leq \pm 0.2\%F.S$
Elongation range and accuracy	400 $\pm$ 1mm
Length of sampling	100mm, 250mm, 500mm
Pr-tension	0~150cN (Adjustable)
Clamp holder	Self-tightening
Tensile speed	Constant speed : 100mm/min, 250mm/min, 500mm/min Adjustable: 50~1000mm/min
Dimensions	370 $\times$ 530 $\times$ 930mm (L $\times$ W $\times$ H)
Weight	60kg
Power supply	Ac 220V 50Hz
Applicable range	Test of yarn breaking strength, rupture elongation and elongation at break