



## Chemical Fiber Filament Electronic Strength Tester GT-A03



### **Application:**

chemical fiber filament electronic strength tester is used to test the breaking strength and elongation percentage of various synthetic mono-filament, spandex, nylon, polyester filament yarn, ply multifilament and textured yarn.

### **Standards:**

GB/T14344,ISO2062,GB/T3916,ASTM D2256, DIN BS etc.

## Dimensions

<b>External Dimensions:</b>
520*400*1600mm(L*W*H)
<b>Package Dimensions:</b>
540*420*1620mm(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. Equipped with LCD 320X240, test result showed directly.
  3. Free to set value in Edit settings window to satisfy different sample testings.
  4. Data can be automatically grouped according to parameter setting.
  5. Clamp distance can be set freely, and positioned automatically according to the setting system.
  6. Elongation time can be set freely.
  7. Equipped with pneumatic claw chuck. Optional: manual claw grips.
  8. Support online operation and with specialist software analysis system for data analysis and backup.
  9. Domestic first creation sample test and data-processing software with multithreading.
- 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-A03-1	GT-A03-2	GT-A03-3
Load range	0-5000cN	0-100N	0-500N
Working pattern	Constant rate of extension (CRE principle), computer control, English LCD display, report printing.		
Testing range	1%-100% of the full range		
Testing accuracy	$\leq 0.2\%F \cdot S$		
Test speed	50~1000mm/min		
Stroke space	800mm		
Clamp distance	200~500mm, Digital setting, pneumatic grip		
Power supply	AC220V $\pm$ 10% 50Hz 0.3Kw		
Dimensions	520 $\times$ 400 $\times$ 1600mm		
Weight	60kg		
Standard accessories	Power line		