



## Twice Air Flow Cotton Fiber Fineness & Maturity Tester GT-B17A-3



### **Application:**

Apply to test the Micronaire Value, Linear Density (metric count), Maturity (maturity ratio, mature fiber percentage and maturity coefficient calculated by empirical formula) and other index.

Meet these standards, GB/T 13778-1992: Cotton fibers—Determination of maturity—Air flow method, ISO 10360: 1993: Textiles - Cotton fibers - Evaluation of maturity by the air flow method, ASTM 3818: 1984: Cotton fiber--

Determination of linear density and maturity, BS 3181: 1987: Cotton fibers —  
Determination of finesses — Air flow method etc. It is widely used in fine staple  
cotton, long-staple cotton, coarse cotton and other cotton.

### Key Specifications

Model	GT-B17A-3
Rota-meter	Upper scale value: 4L/min, Lower scale value: 1L/min
Liquid pressure gauge	5pa, testing range: 60hpa
Sample weight	$4 \pm 0.01\text{g}$
Sample (fiber plug) diameter	28mm
Micronaire value	Range:2.0~8.0    Accuracy:±0.1
Linear density	Range:350~100    Accuracy:±7.0mtex
Maturity ratio	Range:0.6~1.2    Accuracy:±0.1
Cotton maturity percentage	Range:40~100    Accuracy:±5.0%