

## Electronic Single Yarn Strength Tester HTY-009



### Detailed Description

Electronic Single Yarn Strength Tester used for the test of the breaking strength and elongation at break of pure and blended yarns made of cotton, wool, ramie, silk chemical fibers as well as tungsten(molybdenum) filaments.

It does adopt CRE principle and automatically operated with pneumatic/magnetic clamp, provided with scales 0-5000cN force max.

Relevant Standards: GB/T14344, GB/T3916, ISO2062, ASTM D2256

### Specifications:

Force scale: 0-1000cN; 0-3000cN; 0-5000cN

Force division: 0.5CN; 1CN; 1cN

Precision:  $\leq 1$  %F.S

Extension speed: 50-1000mm/min (adjustable)

Reverting speed: 50-1000mm/min (adjustable)

Extension scale: 100mm, 250mm, 500mm (three selections)

Pretension: 0~150cN (adjustable)

Power: AC 220V $\pm$ 10% 50Hz

Dimension: 370\*450\*970

Weight: 60kg