

**Product Information****ISO13937-1 Digital Elmendorf Tearing Tester  
HTF-019C**

**Use:** It is used for the determination of the tear resistance of various woven fabrics (Elmendorf Elmendorf method), and can also be used to determine the tear strength of materials such as paper, plastic sheets, films, electrical tape, metal sheets, etc.

**Standard : Textiles: GB/T 3917.1  
DIN 53862**

**characteristics :**

1. Potential energy calculations ensure accurate testing and good repeatability
2. This instrument automatically changes the hammer, no need to manually change the hammer
3. Color touch screen control system, Chinese and English operation interface, built-in thermal printer, can print data reports
4. The instrument can freely access all data and statistical results in the main unit
5. Test units can be selected between N, gf, cN, kgf, mN and lbf and automatically converted to adapt to different standard requirements
6. The instrument automatically cuts samples, pneumatic specimen clamping and pendulum release to ensure consistent clamping forces and reduce operating steps
7. USB interface, professional computer analysis software, can store data on a computer (obtain the national software copyright registration certificate)
8. Equipped with the automatic correction function of the pendulum friction damping to improve the measurement accuracy

**Technical parameters :**

1. Standard heavy hammer weights: 16N、32N、64N、128N、300N
2. Test accuracy:  $\leq \pm 0.2\%F \cdot S$
3. Tear length: 43mm
4. Incision length:  $20 \pm 0.2\text{mm}$

5. Specimen clamping: Pneumatic mode
6. pressurized air: 600~800kPa
7. Dimensions: 860 ×695 ×800
8. Weight: 100kg
9. Power supply: AC220V 50Hz 200W

### Operator interface

