

Product Information

HTF-019B Digital Elmendorf Tearing Tester

Test: This instrument adopts color touch screen display, pneumatic clamping of specimens, automatic cutting cutout, automatic release of pendulum and so on. The instrument automatically detects the analysis data and can be configured with computer software for online testing. This instrument has the characteristics of high test accuracy, high degree of automation, powerful function, reliable performance and simple operation.

Suitable for the determination of tear resistance of various woven fabrics. It can also be used for the determination of tear resistance of thick paper, plastic sheet, electrical tape, etc.

Standard :

For textiles:GB/T 3917.1 纺织品 织物撕破性能 第1部分 冲击摆锤法撕破强力的测定
ASTM D1424,DIN 53862,EN ISO 13937-1,ISO 4674-2,ISO 9290,M&S P29,NEXT 17,NF G07-149

For papers:GB/T 455,APPITA P 400,ASTM D 689,BS 4468,CSA D9,DIN 53128,EN 21974,
ISO 1974,JIS P 8116,PAPTAC D9,SCAN P11,TAPPI T414,UNI 6444

For plastic:GB/T 11999,ASTM D1922,ISO 6383-2,JIS K 7128-2,NF T54 141
non-woven fabrics:ASTM D5734,WSP 100.1

**Tear force test range**

A hammer	16N
A+B hammer	32N
A+C hammer	48N
A+B+C hammer	64N
A+2C hammer	80N
A+B+2C hammer	96N

A+3C hammer 112N

A+B+3C hammer 128N

- 1.test accuracy: $\leq \pm 0.2\% F \cdot S$
- 2.tear length: 43mm.
- 3.automatic incision length: $20 \pm 0.2\text{mm}$
- 4.clamp jaw distance: $3 \pm 0.3\text{mm}$
- 5.sample size: $100 \times 63\text{mm}$
- 6.sample clamping: pneumatic way, you can choose to hold or separate clamping8,
- 7.the acceleration of gravity: by region, can be digital input
- 8.work power: AC220V 50Hz 100W
- 9.dimensions: $490 \times 430 \times 680\text{mm}$
- 10.weight: 50 kg

One Strong Plywood Box Package **Weght: 82kg, Size: 67*55*97 cm**