The tear tester (elemendorf method) tests the tear resistance of paper, film, PVC, polyolefin, polyester, composite film, sheet, non-woven fabric, textile, paper, and board, etc. It is controlled by computer automatically and can be tested independently.

**视频**

<iframe width="560" height="315" src="https://www.youtube.com/embed/tLnkJ\_SMSSI" title="YouTube video player" frameborder="0" allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-in-picture" allowfullscreen></iframe>

**Specifications**

| **Item** | **Technical Parameters** |
| --- | --- |
| Standards | Conforms to GB/T 16578.2, GB/T 455, ASTM D1922, ASTM D1424, ASTM D689, ISO 6383, ISO1974, and TAPPI T414. |
| Test range | 0-6400gf 0-18000mN |
| Tearing arm | 104±1mm |
| Initial tearing angle | 27.5°±0.5° |
| Indication error | within ±0.5% in 20%-90% of max range |
| Air Source  Pressure | 0.2-0.4Mpa (supplied by user) |
| Relative fluctuation | within 1% |
| Gas supply port | Φ6mm polyurethane pipe |
| Instrument size | 430mm x370mm x 650mm |
| Weight | 50kg |
| Power | 100W |
| Mainframe  Power Supply | AC220V 50Hz |

**Features**

* Can test independently without computer; auto process data.
* Pneumatic clamps and pendulum release can effectively avoid the systematic error caused by human factors.
* Built-in printer can print out report.
* Report printout with optional printer.
* Software: simple interface, easy to use; real time displays test data and curve.
* LCD display test data.