

Electronic Elmendorf Tear Strength Tester

This electronic tester determines the tear strength of various woven fabrics using the Elmendorf method. It can also be used for bursting strength tests on single and multilayer cardboard and corrugated board.



Product Overview

Precision Tear Strength Testing

The Electronic Elmendorf Tear Strength Tester is designed to accurately measure the tear resistance of various materials, including textiles, woven fabrics, non-woven fabrics, coated fabrics, and paper products. Utilizing the established Elmendorf method, it determines ballistic tearing strength by propagating a single-rip tear from a predefined cut. This robust instrument features a digital display for precise readings and is built for reliability in both laboratory and industrial environments.

Technical Specifications

Test Range

200 cN

Minimum Force

32000 cN

Maximum Force

Testing Method

Elmendorf (Ballistic tearing strength)

Compatible Materials

Woven fabrics, Non-woven fabrics, Coated fabrics, Silk, Cotton, Cardboard, Corrugated board

Compliance & Certification

Certifications

CE • ISO 9001:2000 • SGS Certified