



High Energy Elemendorf Tester

The NG-HE-Elmendorf is used to measure the tearing strength of paper, plastic, cloth, film, electrical tape, metal foil and a variety of other materials.

Elemendorf Features & Benefits

- Advanced calculation method (potential energy calculation) to ensure accurate testing and repeatability.
- Micro control system, Automatic testing, Result calculations, Analysis of results, Printing of test reports and Uploading test data to your computer
- User friendly touch screen control panel allowing operators to conveniently and quickly operate the tester
- All data and statistical results can be checked in the machine itself or reviewed in the test report after transferring data
- The test unit can be selected as N, gf, cN and cP and can automatically convert between units to meet different industry standards and requirements
- Pneumatic sample clamping and pendulum release ensures consistent clamping force and provides an easier testing process for the operator
- NG-HE-Elmendorf can automatically cut the samples to ensure that the shape of the cut is consistent
- Included transfer software for analysis of the results on the computer



High Energy Elemendorf Technical Specifications:

Model	High Energy Elemendorf
Range	0-16N, 32N, 64N, 128N
Measurement Accuracy	$\leq \pm 0.2\% F \cdot S$
Unit of Measurement	N, cN, gf, lbf
Clamping Method	Pneumatic
Length of the Cut	20mm \pm 0.1mm
Clamp Mouth Distance	2.8mm \pm 0.3mm
Dimensions	500x400x620mm
Weight	40kg
Power Requirements	AC220V 50Hz 100W



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NORTH AMERICA (CORPORATE HEADQUARTERS): 170-422 Richards St., Vancouver, BC, V6B 2Z4 Canada

CALIFORNIA: 3503 Jack Northrop Ave., Suite # AF937, Hawthorne, CA 90250

Toll Free: +1 (888) 332-3582 | Fax: +1 905 247-0555 | www.nextgentest.com