Digital Fabric Elmendorf Tearing Strength Tester GT-C11B

Application:
This Digital Tearing Tester is designed for Elmendorf method tearing resistance test of textile, non-woven fabrics, paper, paper board, thin film, ventilation tape, metal sheet materials and etc.

Standards:

Textile Tear Test: GB/T3917.1, ASTM D1424, DIN 53862, ISO13937-1, ISO4674-2, ISO9290, M&S P29, NF G07-149
Paper Tear Test: GB/T455, APPITA P400, ASTM D689, BS 4468, CSA D9,
DIN 53128, EN 21974,ISO 1974, JIS P8116, PAPTAC D9, SCAN P11,
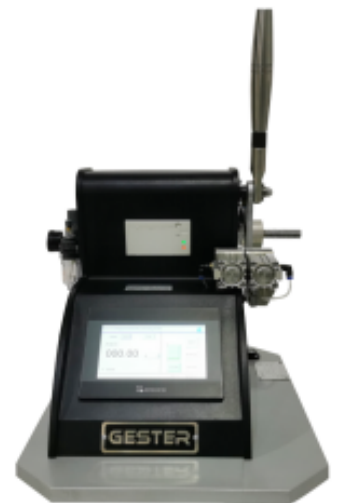SNV 198482, TAPPI T414, UNI 6444

Plastic Tear Test: GB/T11999, ASTM D1922, ISO6383-2, JIS K7128-2
Non-woven Tear Test: ASTMD5734

Feature of elmendorf tester

- Advanced calculation methods make sure precision test & good repetition.
- Microcomputer system, can do auto test, calculate, analysis result, print test report.
- upload the test data.
- Humanity operation system, Chinese and English operation interface.
- Can look up all the datum & statistical result in mainframe freely.
- Tear test unit can convention between N, gf, cN and ibs, suitable for differents standards.
- Pneumatic sample grips and pendulum bob released to make sure equal clamping force.
- Cut sample automatically, making sure same shape of notch, reducing operation strength.

Dimensions of lemendorf tester

External Dimension:	
490*430*680mm (L*W*H)	
Package Dimension:	
710*550*820 mm (L*W*H)	
Gross Weight:	
75KG	
Net Weight:	
50KG	

Key Specifications of elmendorf tester

Range of tearing force	1600CN, 3200CN, 4800CN, 6400CN, 8000CN, 9600CN,11200CN, 12800CN
Control mode	Touch screen
Accuracy	≤±0.2％F·S
Incision length	20+/-0.2mm
Rip length	43mm
Sample clamping methods	Pneumatic clamp
Power supply	AC 220V 50/60HZ 100W
Dimensions	490 x 430 x 680mm (L x W x H)
Weight	50kg
Standard accessories	Load A (1pc)
	Load B (1pc)
	Load C (1pc)
	Sample template (1pc)
	English operation software (1pc)
	Cable connect with PC (1pc)