DVT DEVOTRANS
QUALITY control test equipment

DVT ELM

ELMENDORF TEARING STRENGTH TESTER

DETERMINES TEARING STRENGTH OF PAPER, FILMS ETC.

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TECHNICAL SPECIFICATIONS

Used to determine tearing strength of films, paper etc. by means of Elmendorf test method.

The test result is obtained by reading on the scale the amount of energy that the pendulum had to exert to tear the sample.

- Alternative names: Elmendorf tester, elmendorf tearing strength tester, tearing strength tester, elmendorf tearing tester

USED IN

- Films
- Paper
- Textiles

APPROXIMATE DIMENSIONS AND WEIGHT

- Width: 57 cm.
- Depth: 20 cm.
- Height: 46 cm.
- Weight: 22 kg.

TECHNICAL INFORMATION

- Adjustable non-slip feet.
- Spirit level installed on device.
- Vertical movement pendulum.
- Unit: gram-force (gf)
- Model with 2 scales.
- Sample size:
  For rectangular samples: (75±0.5)x(63±0.5) mm
  Constant radius samples: (75±0.5)x(43±0.5) mm
- Sample notch size: 20±0.5 mm

DVT ELM 2400

- 1st scale: 1200 gf
- 2nd scale: 2400 gf

DVT ELM 800

- 1st scale: 400 gf
- 2nd scale: 800 gf

RELEVANT STANDARDS

- TS EN ISO 6383-2
- ASTM D689
- ASTM D1424

Note: DVT DEVOTRANS reserves the right to modify the equipment described in the brochure. The model in the picture may not be the latest one.

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