

## Elmendorf Tearing Tester

Model No. 2035

Tear Strength is defined as a value of resistance to tearing when a sheet of paper is held with both hands and torn. To simulate this force, the fan-shaped pendulum is swung down onto the paper from a certain level of height to tear it, and the energy loss of the pendulum at that time is given as tear strength. According to the strength of a paper sheet, change the number of paper sheets from one to sixteen, and the value obtained is converted to the value at the time 16 sheets of the same paper are subject to tearing. This value is used as a tear value.

### Specifications

<b>Specimen Size:</b>	63mm long, 50 to 75mm wide
<b>Number of Specimens:</b>	16 (the number of specimens to be measured is such that test results are within 20 to 80% of full the scale)
<b>Test Tear Length:</b>	43mm
<b>Test Slit Length:</b>	20mm
<b>Referential Standards:</b>	JIS P-8116-2000, TAPPI T414om-98, ISO 1974
<b>Outer Dimensions:</b>	500 x 240 x 360mm
<b>Instrument Weight:</b>	15kg



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