

No. 193 Light Load type Tearing Tester Model D



■ APPLICATION

The **Light Tearing Tester** measures tearing strength of relatively low value specimen such as paper and film etc.

■ FEATURES

- Measures the tearing strength of a single test piece. (No need to stack the specimens)
- Tearing strength is displayed digitally.
- Easy operation with LCD touch screen.
- Simply set the pendulum in the starting measurement position, start it, and it automatically measures the angle of swing and calculates the tearing strength.
- After the measurement is completed, when the pendulum is lifted to the measurement start position, the stopper is automatically engaged and the pendulum is fixed.
- When you select a measurement range, the weight to be attached to the pendulum is indicated.
- Bearing wear is corrected by measuring the free swing angle of the pendulum.
- Displays line graph of tearing strength.
- Calculates the average, maximum, minimum and standard deviation of the measured data.
- If a problem occurs, an error message is displayed.
- It can be connected to the printer via RS-232C. (Printer is optional)
- 1 calibration weight for each measuring range are provided. (6 total)

■ SPECIFICATIONS

Model	D
Measurement ranges	196, 490, 980, 1960, 4900, 9800mN
Specimen dimensions	63.5 x 50mm
Number of test specimen	1
Clamp	Screw clamp
Operation & display	LCD touch-screen
Display items	<ul style="list-style-type: none">● Tearing strength● Average● Minimum value● Max value● Standard deviation
Interface	RS-232C
Power requirement	Single-phase, AC100V, 50Hz or 60Hz, 0.2kVA
Dimensions	W400 x D420 x H590mm
Weight	Approx. 30kg

■ OPTION

1	Mini thermal printer
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Specifications are subject to change without notice.

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