

Elmendorf Tearing Tester



ISO QUALITY SYSTEM CERTIFICATION

Purpose and Feature

- Use to measure the tear strength (Elmendorf method) to measure the tear strength of various fabrics, nonwoven, papers and plastic sheets.
- Possible to test accurate test $\leq \pm 0.5\%F.S$ by using digital encoder.
- Automatic measure the force, not necessary to read ruler or input date.
- Consist of English menu, interface and convenient operation.
- Equipped with efficient and stable air clamp and automatic slitter to reduce operating strength.
- Check the result easy with record printer.
- Various measurement units can be selected to meet an each test specification requirement.
- Possible to select quantity of samples by user and improve the measurement accuracy through the automatic zero calibration of 4 kinds of pendulum loads.
- Standard : ASTM D 5734, ASTM D 1424, ISO 13937-1, JIS L 1096

ACCESSORIES



Pendulum weights

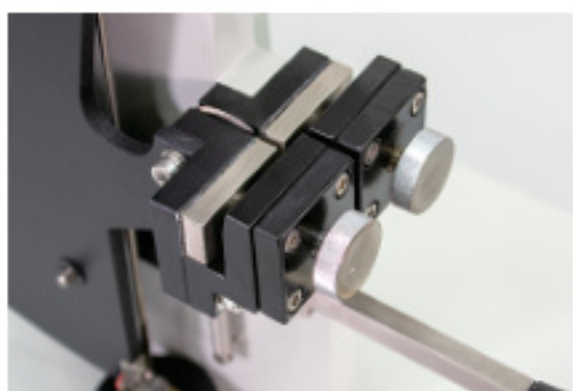


Sample air clamp

Purpose and Feature

- Device for measuring the force value to tear a fabric by applying a momentary force to the before processing or after processing fabrics.
- Standard : ASTM D 5734, ASTM D 1424, ISO13937-1, JIS L 1096

ACCESSORIES



Sample clamp



Pendulum weight



Check weight



DL-033S



DL-033

Specification

Model	DL-033S	DL-033
Controller	LCD touch panel	Analogue gauge
Test range	0~16N, 0~32N, 0~64N, 0~128N	0~16N, 0~32N, 0~64N
Accuracy	$\pm 0.5\%F.S$	$\pm 1\%F.S$
Unit	N, cN, kgf, gf, lbf	N
Clamp	Air clamp	Manual clamp
Cutting distance	20 \pm 0.2mm	20 \pm 0.2mm
Clamp distance	2.8 \pm 0.3mm	2.8 \pm 0.3mm
Power source	220VAC 50/60Hz single phase, 100W	Manual (No voltage)
Weight (Approx.)	65kg (\pm 2kg)	28kg (\pm 1kg)
Dimension (Approx.)	400(W) x 640(D) x 700(H)mm	410(W) x 230(D) x 490(H)mm