TLS

TWIN FOLDING ENDURANCE TESTER SCHOPPER METHOD DP-2 Model (2 Heads)

The equipment is designed to determine the folding strength of high mechanical strength papers up to 0.25 mm thick. It is especially recommended for security papers, where there is a direct correlation between the folding strength and the actual strength of the paper

TECHLABSYSTEMS

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APPLICABLE STANDARDS:

ISO 5626 – TAPPI T423 – SCAN P17

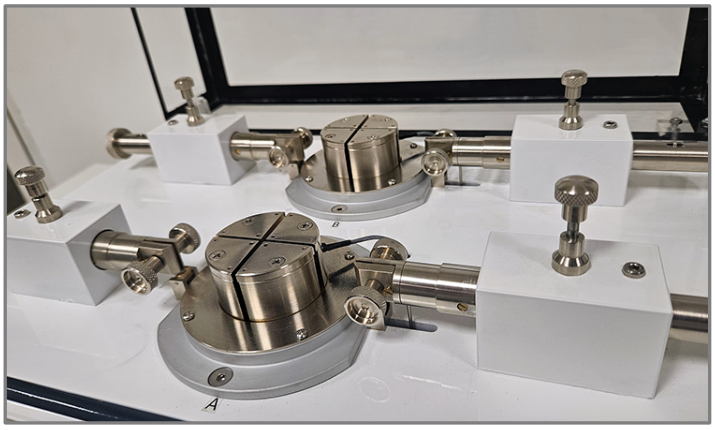
TEST DESCRIPTION:

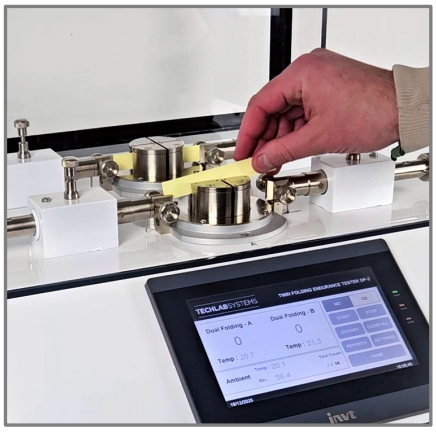
Two opposed, movable horizontal jaws are used to hold a 15 × 100 mm specimen under varying tension during the bending cycle.

A sliding grooved sheet moves between 4 bending rollers, folding the paper at 115 ± 10 strokes per minute.

The spring applied tension is 1000 g (9.81 N).

Once the sample breaks, the results are displayed individually on the touch screen.





EQUIPMENT SPECIFICATIONS:

- Simultaneous test meter with double head.
- Sample thickness: 0.05 to 0.25 mm
- Standard instrument for security paper.
- Normalized spring force: min 7.55N / Max 9.81N
- Test length: 90 mm
- Specimen length: 100 mm
- Specimen width: 15 mm
- Schopper method with speed: 115 ± 10 folds/min.
- Temperature Sensor to detect temperature increases in samples.
- Color touchscreen with full statistics
- Equipment dimensions: 450 x 400 x 455 mm (main unit with lid)
- Approximate Packaging Dimensions: 650 x 600 x 600 mm
- Net Weight: 35 Kg
- Approximate gross weight: 60 Kg
- Electrical Current: 220V-50Hz or 110V-60Hz
- CE marking