

## Folding Endurance Tester (Schopper Type)

### Model: FETMD

Folding endurance test is the best available criterion for testing the serviceability of paper that it creased or folded repeatedly. This tells information about certain properties of paper, such as durability, which cannot be obtained by other tests. A strip of paper is continuously folded till it breaks, the number of double folds giving the folding residence. The machine is driven by motor or counter shaft with the help of a friction pulley effecting 120 double folds per minute. When the machine runs, the allotted folding blade slides back and forth in reciprocating motion between creasing rollers. The clamps are under spring tension which can be varied. The number of times the paper goes through each double fold (back and forth) is counted on a rotating disc known as counter which is designed to count up to 10000 double folds.



### Applications:

- Paper • Paperboard • Films • Foil

### Specifications:

- Testing of paper: 250 micron
- Folding speed: 120 stock/min
- Sample size: 15 X 98 mm
- Clamping size: 90 mm
- Stretching force: Maximum 9.81 N and Minimum 7.55 N
- Folding Roll Diameter: 6 mm
- Distance Between Folding Roll: 0.5 mm
- Deflection on either side: 10 mm
- Digital counter: 0 - 999,999
- Power: 220 VAC, 50Hz Single Phase

### Features:

- Two specimen can be tested simultaneously.
- The number of fold is registered by two counters, which are stopped automatically.
- Vibration free run of folding clamp.
- LED displays testing data.
- Basic ease of use.

### Standard:

- TAPPI T 423
- ISO 5626
- IS : 1060

### Weight:

- Net Weight: 45 kgs
- Gross Weight: 60 kgs

### Dimensions:

- Depth: 400 mm
- Height: 600 mm
- Width: 325 mm