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No.530 MIT type Folding Endurance Tester



APPLICATION

Evaluates folding endurance of paper, plastic film, leather, flexible printed circuit board and flat plastic cable, etc. by repeatedly folding sample in both directions.

FEATURES

1. Auto zero setting type electronic counter for easy-to-read indication of folding cycles.
2. Folding angle can be selected from 45°, 90° and 135°.
3. Test can be conducted with high folding speed (175cpm) or low folding speed (90cpm).
4. Setting of specimen is easy because the rotating chuck automatically returns to the vertical set position after breaking of specimen.
5. Reliable and safe operation because the bearings are of completely oil-free type.
6. Electronic counter permits connection to computer.

MECHANISM

The chuck is connected through plunger to the spring type load meter (Model SA) or dead weight type loading device (Model DA) which applies a constant load to the specimen.

Model SA is generally used for testing materials having small elongation such as paper, etc.

Model DA is used for testing materials having large elongation such as plastic films, etc.

SPECIFICATIONS

Model	SA (Spring type)	DA (Dead weight type)
Load	4.9-14.7N	Select one of these (1) 2.45-19.6N (2.45N steps) (2) 0.98-9.8N (0.98N steps)
Folding angle	45, 90, 135° (left/right)	
Revolutions	90 or 175cpm (Selected by switch)	
Counter	6-digit electronic counter	
Electrical	AC100V, 1-P, 3A Other voltages also possible	
Dimensions	25(W) x 35(D) x 49(H)cm	
Net weight	Approx. 25kg	
Testing method	JIS P 8115, ASTM D2176, TAPPI T511, ISO 5626	