



YASUDA
— TESTING THE LIMITS —

**No.307 MIT Type Folding Endurance Tester【
YASUDA SEIKI】For the tester to evaluate
the folding endurance of paper board, plastic
film, and flexible print circuit board**

Contents

No.307 MIT TYPE FOLDING ENDURANCE TESTER

No.307-L MIT TYPE FOLDING ENDURANCE TESTER (WITH REFRIGERATING
MACHINE)

No.307 MIT TYPE FOLDING ENDURANCE TESTER



JIS-C5016, P8115, R3420, ASTM-D2176, TAPPI-T511, ISO-5626

- This tester is used to evaluate the folding endurance of paper, cardboard, plastic film, and flexible print circuit boards.
- Applying a certain load and folding the test specimen left and right at a 135° angle at a certain speed, the operator is to count the number of times the test specimen was folded until it fractures.
- The user can choose the type of loading between the spring method or the deadweight method according to the extension of the test specimen.
- This tester is also used for evaluating the folding endurance of metallic foil such as aluminum foil used in condensers.

Specification

Specifications are subject to change without notice.	
Model	No.307 MIT TYPE FOLDING ENDURANCE TESTER
Hangings	1, 3 or 5 Hangings (3 kinds)

Specimen	W15.0 ± 0.1 mm, L110 ± 5 mm
Weight Load	4.9 to 14.7 N (0.5 to 1.5 kgf) (Spring Loaded or Dead Weight) (Standard: 9.8 N)
Folding Angle	135° ± 2° (Option: 45° , 90° , 3 Stage Type)
Folding Speed	175 ± 10 times/min (Option: 45 times/min, 90 times/min, 3 Stage Type)
Folding Top	R0.38 ± 0.02 mm , L19.0 ± 0.5 mm, Spacing 0.25 mm
Counter	6 Digits Preset Counter
Temperature Range	—
Option	Conduction Device (for FPC)
Power Source	Differ by Specifications.

**Dimensions/
Weight (Approx.)**

Differ by Specifications.

No.307-L MIT TYPE FOLDING ENDURANCE TESTER (WITH REFRIGERATING MACHINE)



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- This model is equipped with a low temp. chamber for testing at low temperatures.

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Hangings	1, 3 or 5 Hangings (3 kinds)
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Folding Angle	135° ± 2° (Option: 45° , 90° , 3 Stage Type)
Folding Speed	175 ± 10 times/min (Option: 45 times/min, 90 times/min, 3 Stage Type)
Folding Top	R0.38 ± 0.02 mm , L19.0 ± 0.5 mm, Spacing 0.25 mm
Counter	6 Digits Preset Counter

Temperature Range	-35 to 60 ° C (Refrigerator)
Option	Conduction Device (for FPC)
Power Source	Differ by Specifications.
Dimensions/ Weight (Approx.)	Differ by Specifications.