



YASUDA
— TESTING THE LIMITS —

**No.306/308 Curated content of special
Flexing ▪ Folding Endurance Tester【Yasuda
Seiki】FPC Flexing Tester▪ Schopper Type
Folding Endurance Tester**

Contents

No.306 FPC FLEXING TESTER

No.306-L FPC FLEXING TESTER(WITH REFRIGERATING MACHINE)

No.308 SCHOPPER TYPE FOLDING ENDURANCE TESTER

No.306 FPC FLEXING TESTER



JIS-C5016

- This test is used to evaluate the folding endurance of plastic film and flexible print circuit board.
- The operator is to attach the test specimen to a fixed board and a movable board so that the test specimen is attached at a certain radius. The movable board will bend left and right to flex the test specimen.

Specification

Specifications are subject to change without notice.	
Model	No.306 FPC FLEXING TESTER
Hanging	1Hanging
Flexing Radius	Max. 10 mm

Flexing Speed	Max. 60 cpm
Flexing Length	Reciprocate 20(\pm 10) mm、40(\pm 20) mm、60(\pm 30) mm
Counter	6 Digits Preset Counter
Temperature Range	—
Option	Conduction Device(for FPC)
Power Source	AC 100 V、1-Phase、5 A、50/60 Hz
Dimensions/Weight(Approx.)	W360 × D500 × H620 mm/35 kg

No.306-L FPC FLEXING TESTER(WITH REFRIGERATING MACHINE)



JIS-C5016

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

Specification

Specifications are subject to change without notice.	
Model	No.306-L FPC FLEXING TESTER(WITH REFRIGERATING MACHINE)
Hanging	4Hanging(2Hanging Simultaneous Drive × 2)
Flexing Radius	Max. 10 mm
Flexing Speed	Max. 60 cpm

Flexing Length	Reciprocate 20(± 10) mm、40(± 20) mm、60(± 30) mm
Piston	Option
Counter	6 Digits Preset Counter
Temperature Range	-35 to 60 ° C(Refrigerator)
Option	Conduction Device(for FPC)
Power Source	AC 200 V、3-Phase、30 A、50/60 Hz
Dimensions/Weight(Approx.)	W1,160 × D730 × H1,200 mm/ 250 kg

No.308 SCHOPPER TYPE FOLDING ENDURANCE TESTER



JIS-P8114、TAPPI-T423、ISO-5626

- This tester is used to evaluate the folding endurance of paper, paper board, and plastic film according to the Schopper Type testing method.
- By folding the test specimen that is vertically applied tensile force on the long side with the folding blade, the operator is to calculate the folding endurance from the number of bends the test specimen required to fracture.

Specification

Specifications are subject to change without notice.	
Specimen	W 15.0±0.1 mm, L100 mm, T0.25 mm or Less
Folding Blade	T0.5 ± 0.0125 mm、Slit Spacing 0.5 mm
Folding Roller	φ 6 mm、L 18 mm

Test Load	Initial 7.6 ± 0.1 N、Max. 9.8 ± 0.2 N
Folding Distance	20 mm (Front-Back 10 mm)
Folding Speed	115 ± 10 rpm
Counter	6 Digitis Preset Counter
Option	Safety Cover
Power Source	AC 100 V、1-Phase、10 A、50/60 Hz
Dimensions/Weight(Approx.)	W450 × D480 × H430 mm/ 60 kg