

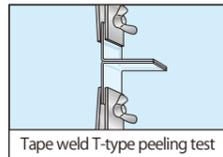
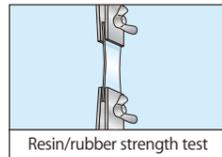
Small Size Separation Evaluation Tester

MODEL-1308UH

Capacity: 200N (20 kgf)



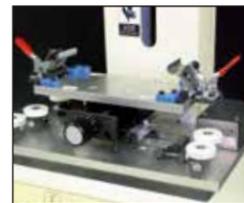
※Digital force gage is optional.



The MODEL-1308UH employs a motor-driven gage mounting head, which moves up and down. The gage mounting head may be returned automatically by the action of a limit switch after completion of a test. The MODEL-1308UH offers other various functions, including data output function. Refer to the catalogs of the RZ series digital force gages. Use our various jigs and accessories to extend the confines of tests. Refer to the pages of jigs and grips.

Standard Specifications

Max. force	200 N (20 kgf)
Test speed	10 to 300 mm/min.
Stroke	400 mm
Table size	W250 x D140 mm
Weight	Approx. 20 kg
Size	W255 x H810 x D300 mm
Power supply	100 to 240 VAC, single-phase 0.5A



90° separation test jig (Option installed)

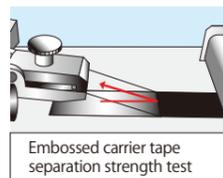
Applicable Tests

- Separation tests at 90° and 180° (JIS-C 6481)
- Various breakdown tests
- Various non-destructive evaluation tests of parts
- Penetration elasticity tests of fruits, etc.
- Stress relief measurements of foods
- Shearing tests
- Bending tests

Embossed Carrier Tape Separation Tester

MODEL-2165P

Separation force: 5N (500 gf)



The MODEL-2165P measures adhesion of various types of tapes. It conforms to the JIS and EIAJ Standards. The results can be saved in a PC using the dedicated software. (This software is compatible with WindowsXP,7 or 8 & JapaneseOS.)

Standard Specifications

Separation force	5 N (500 gf)
Resolution	0.001 N (0.1 gf)
Separation angle	165 to 180 degrees (with five scales)
Separation speed	50, 100, 200, 300 & 400 mm/min.
Effective length	400 mm
Applicable length	88 mm
Weight	Approx. 16.5 kg
Size	W630 x H300 x D260 mm
Power supply	100 VAC / 220 VAC, 1A

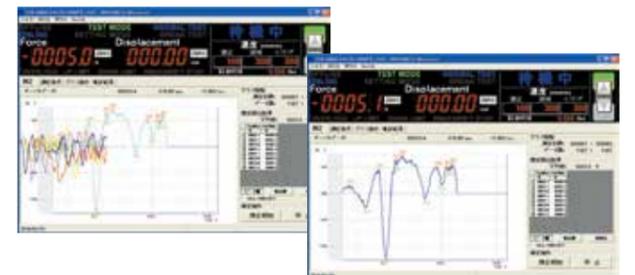
Adhesion Tester

FTN4-15A

Capacity: 50 N (5 kgf)
Force - Displacement



This is a low priced adhesion tester based on FTN1 - 13A with only the mechanism changed. The maximum test speed has been increased to 1000 mm/min to meet needs of high-speed tests. In addition, a jig for 90-degree peeling that meets testing in accordance with JIS Z 0237 and software FTN-2008P dedicated to adhesion test are also available.



Standard Specifications

Max. force	50 N (5 kgf)	
Test speed range	5 to 1000 mm/min.	
Moving speed range	5 to 1000 mm/min. (inching & return)	
Speed resolution	0.1 mm/min.	
Resolution	Force	0.01 N (50.00)
	Displacement	0.01 mm
Accuracy	Force	3000 Series: ±0.2% F.S. UP Series: ±0.3% F.S.
	Displacement	±0.5 mm
	Effective stroke	100 mm (with 90-degree peeling jig installed)
Drive unit	Stepping motor	
Applicable load cell	UP, M-3000 Series	
Detector	Rotary encoder (2000 P/R)	
Input/output	Digital input/output	USB (for connection to external PC)
	Analog input/output	Force (±10V)
Weight	Approx. 35 kg	
Size	W300 x D400 x H820 mm	
Power supply	100 to 240 VAC, Single-phase, 3A	

Optional jig

Applicable standard	JIS Z 0237
Peeling method	90-degree peeling
Movable range (stroke)	100 mm (Standard: 85 mm)
Peeling point synchronizing method	Moving amount synchronization with wire & pulley
Test plate	50 x 125 x T2 or larger, SUS 304 (Surface roughness specified)
Specimen size	25 x 250
Safety measure	Safety cover on with & pulley and other areas

Software

Name	FTN-2008P
Function	Display of results, calculation (required numeric values, max., average, etc.), save, F-S graph display (real time, results, save data)

- Peak/bottom automatic acquisition: 50 maximum
- Peak/bottom display method: In the order of time or peak values
- Processing of multiple samples: (Simplified statistics)
- Set point measuring function: (JIS compatible)
- This software is compatible with Windows 7 or 8 & Japanese or English OS.