

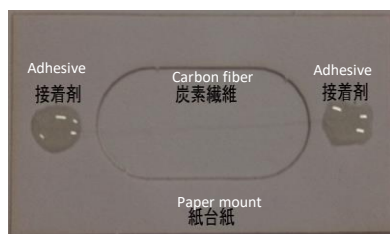
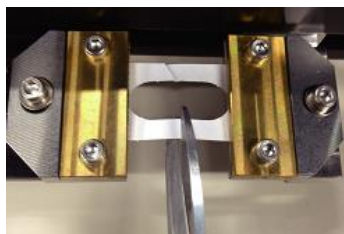
Size, shape, as you like...

Stency

Stency is Tensile Testing Machine for different materials such as film, rubber, various types of sheet, carbon graphite, etc.



For carbon fiber test, according JIS R7606

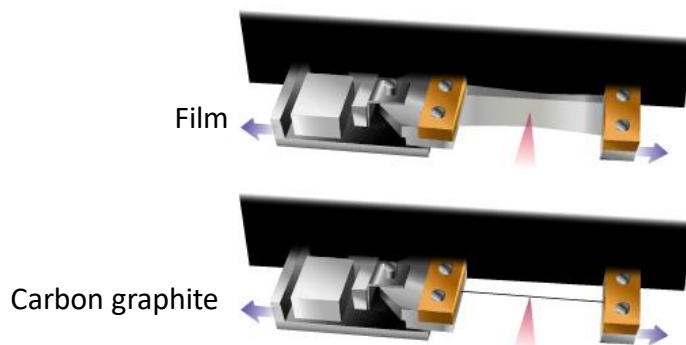


Inserted example

- Power: AC100±10% 3A
- Load cell rated capacity: 1N
- Load cell repeatability: within ±0.5%RO
- One-side pull
- Stretching speed: 1~100mm/sec
- Capture speed: 250ms
- Max. measurement position: 300 points

Center Stretch

Measure at the center of sample by pulling both sides.



Heating type tensile device

1-shaft type ※Image photo



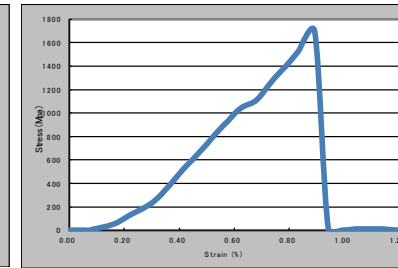
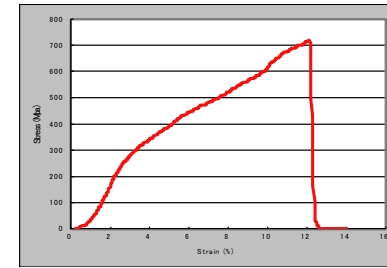
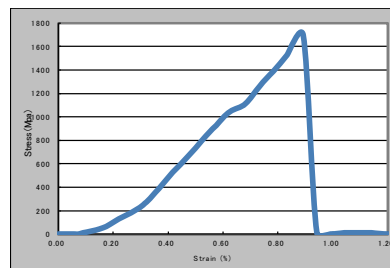
2-shaft type ※Image photo



Inserted example

1. Device dimension
W460xD260xH180
2. Control unit
W400xD300xH400
3. Input touch panel
4. Note PC
5. Stretching distance
150mm Max.
6. Stretching speed Max. 100mm/min
7. Temperature range
temp. ~150° C Normal

Measurement data S-S curve



Customize

Freely change from compact size which is easily placed into analytical instrument to large size in several meters.

Combination of various spectroscopes



For Spring-8



For analyzing high stiffness material
500N Type
Stretching range:
15mm -> 50mm



1m stretch
Stretching range
100mm -> 1m



Reference specification

1- shaft type

Specification		
Load capacity	Max. load	1~50N
	Accuracy	±1%
Tensile	Max. stroke	50-1000mm
	Tensile direction	One-side or two-side tensile
	Resolution	0.01m
	Max. tensile speed	100mm/min
	Positioning accuracy	±0.01mm
	Sample	Sample width
Sample	Sample length	5mm+α
	Condition setting	Input from computer
Control	Operation	Operate from computer
	Data obtain	Obtain speed
Data obtain	Max. obtain point	30000 points

Other specifications

Device configuration	Control unit Measuring unit Note PC		
Control unit size			
Measuring unit size	W400xD400xH300mm		
Power	Power	AC100V 5A	
	Operating configuration	Compensated temperature range	0 - 40°C
	Operating configuration	Operating temperature range	-20 - 60°C
Protection mechanism	Excess pressure	If the tension exceeds the limitation, machine stops automatically	
	Excess stroke	The movement stops by L.S detection (L.S: limit switch)	

2-shaft type (for film measurement)

Specification		
Load capacity	Max. load	1~50N
	Accuracy	±1%
Tensile	Max. stroke	160mm (each 80mm)
	Tensile direction	two-side pull
	Resolution	0.01m
	Max. tensile speed	100mm/min
	Positioning accuracy	±0.02mm
Sample	Sample width	50mm +α
	Sample length	50mm+α
Control	Chuck	Width 10mm 8 positions
	Condition setting	Input from computer
Control	Operation	Operate from computer
	Data obtain	Obtain speed
Data obtain	Max. obtain point	30000 points

Other specifications

Device configuration	Control unit Measuring unit Note PC		
Control unit size			
Measuring unit size	W400xD400xH300mm		
Power	Power	AC100V 5A	
	Operating configuration	Compensated temperature range	0 - 40°C
	Operating configuration	Operating temperature range	-20 - 60°C
Protection mechanism	Excess pressure	If the tension exceeds the limitation, machine stops automatically	
	Excess stroke	The movement stops by L.S detection (L.S: limit switch)	