

SPRING TESTER

SW Series



Features

- It can measure both compression and tension springs
- Product number registration can be registered up to 100th
- Printing results by built-in Printer
- Easy operate for condition setting and product number registration on touch panel screen
- Optional PC software available
- Spring rate, Free length, Solid height, Pre-tension, Step operation(Up to 3 steps)

■ Specifications

Model	SW-1	SW-5	SW-10	SW-50	SW-100	SW-100T	SW-200T	SW-500T
Capacity	10N	50N	100N	500N	1000N	1000N	2000N	5000N
Force resolution	0.0001N	0.001N	0.001N	0.01N	0.01N	0.01N	0.1N	0.1N
Measuring range	0.5% to 100% F.S.(At the time of Force measurement or take Spring rate)							
Force accuracy	±0.2% F.S.							
Unit of measurement	kgf (N, lb, inch for length measurement)							
Test speed	10 to 600 mm/min							
Max. measurable length	205mm				390mm		600mm	
Min.length reading	0.001mm							
Length accuracy	±0.05mm (with in the range 150mm)					±0.1mm (with in the range 500mm)		
Manual operation	Select from these LOW, MID, HIGH,							
Compression plate diameter	Upper φ20 Lower φ60	Upper φ60 Lower φ60				Upper φ150 Lower φ150		
Hook for tensile test	1 stages	2 stages			1 stages		Optional	
Size	W460×D350×H541mm				W460× D350× H741mm	W860× D540× H1372mm	W860× D540× H1350mm	
Weight Approx.	Approx. 45kg				Approx. 70kg	Approx. 190kg		Approx. 200kg
Power supply	AC100V to 240V							AC100V

■ Print function

Printing results by built-in Printer.

It can Print [Date] [resisterd [Model number] [Value] [OK or NG].

Print sample

```

-----
DATE 2018/ 5/ 8      17:14: 6
SWF14-35 (LEN-LOAD)  NG
No.0 Length(mm) Load(N)
1st  40.000  4.6246  ..
2nd  37.000  7.4945  ..
S.R  0.9566 (N/mm)  NG
F.L  44.930 (mm)    NG
-----

DATE 2018/ 5/ 8      17:14: 6
SWF14-35 (LEN-LOAD)  NG
No.0 Length(mm) Load(N)
1st  40.000  4.6246  ..
2nd  37.000  7.4945  ..
S.R  0.9566 (N/mm)  NG
F.L  44.930 (mm)    NG
-----

```

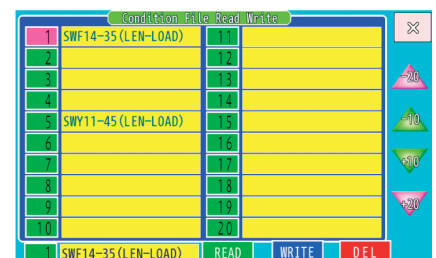
■ Operation panel



Measurement Screen
Set the Step operation,
set the compare value.



Test Condition
Set the measurement condition.
It can save as Item number.



Item number resist
It can resist the Item number .
It can set up to 100th.

AIKOH ENGINEERING CO., LTD.

<http://www.aikoh.co.jp>

TOKYO TANI BUILDING 4F 28-6, 1-Chome,Kameido, Koto-ku,Tokyo

TEL (03)5858-8816 FAX (03)5858-8836

NAGOYA 210,2-Chome,Sakuta,Nagakute city,Aichi

TEL (0561)64-2331 FAX (0561)64-2332

OSAKA 15-7,2-Chome,Hishie,Higashi-Osaka city,Osaka

TEL (072)966-9011 FAX (072)966-9017

Overseas sales dept.

Osaka office 15-7, 2-chome Hishie Higashi-Osaka, Japan
TEL +81-72-966-9011 FAX +81-72-966-9017

