

# SPRING TESTER



### 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 hight, Pre-tension, Step operation(Up to 3 steps)

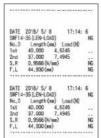
# アイコーエンジニアリンク.株式会社 AIKOH ENGINEERING CO., LTD.

## Specifications

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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 acuracy		±0.2% F.S.						
Unit of measurment	kgf (N, lb, inch for lengh measurement)							
Test speed	10 to 600 mm/min							
Max. measurable length	205mm 390mm			390mm	600mm			
Min.length reading	0.001mm							
Length accuracy	$\pm$ 0.05mm (with in the range 150mm) $\pm$ 0.1mm (with in the range 500mm)					500mm)		
Manual operation	Select from these LOW, MID, HIGH,							
Compression plate diameter	Upper $\varphi$ 20 Lower $\varphi$ 60			Upper $\varphi$ 150 Lower $\varphi$ 150				
Hook for tensil test	1 stages		2 stages			1 stages		Optional
Size	W460×D350×H541mm		W460× D350× H741mm	D54	60× 40× ′2mm	W860× D540× H1350mm		
Weight Approx.	Approx. 45kg			Approx. 70kg	Appro	x. 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

# Operation panel

ZERO	_oad	CompOrt		191 - Cycle 162 - I	Comp Origin
1	ngil(m)	Load (R)	Section	Sterolli 200	Buzz-ON
1st	40,000	4 6246	0.0000	0.0000	
2nd	37, 000	1 4945	0.0000	0.0000	Print >
3rd	33. TOD	0.0000	0, 0000	0.0000	
2	3 1010 20	0. 9566	1.0.100	1.00 🔤	Star?
潮	live lagth	44, 930	35,000	1.00	
	S. Europet	0.000	0. 000	0.000	
	Line data		Fier/og		STOP

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

( lest	Cand 1 14			轰 哲	41)	n i
lten >	SV	VF14-35 (	LEN-LO/	ND)		
Test *	Comp. Drigin	Textile .	100	Carps.		JUERS >
Mode >	Longth -Lond	and the	(MIN)	Loid		Files
me as '>	(100 anno	Solid Helent				
Step 8	161	214	ärd	Units	00	System 2
Print >	All	24.1	2	acres 1		Endedin P
S. Recev	2 Step 3	ege le		5 (n) 1.	0 (sec)	
Speed >	300.0	ejmin)				STOP

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

SWF14-35	LEN-LOAD)			×
2	112			
3	13			-
4	14			
SWY11-45	LEN-LOAD)			
6	16			
. 7	117			- 291
8	18			_
9	19		_	<b>A</b>
10	20		_	
SWF14-350	LEN-LOAD) READ	WRITE	DFL	

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

# AIKOH ENGINEERING CO., LTD.

### http://www.aikoh.co.jp

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TOKYO	TANI BUILDING 4F 28-6, 1-Chome, Kameido, Ko	to-ku,Tokyo 🗟 🔊 🖏
	TEL (03)5858-8816 FAX (03)5858-8836	
NAGOYA	A 210,2-Chome,Sakuta,Nagakute city,Aichi	EXPISED ON WRYTON
	TEL (0561)64-2331 FAX (0561)64-2332	No.4420-ISO 9001 No.E2203-ISO 14001
OSAKA	15-7,2-Chome,Hishie,Higashi-Osaka city,Osaka	
	TEL (072)966-9011 FAX (072)966-9017	
Overseas	s sales dept.	MS
Osaka off	fice 15-7, 2-chome Hishie Higashi-Osaka, Japar	SΔC
	TEL +81-72-966-9011 FAX +81-72-966-901	7 СМ002