

# SX Series Digital Force Gages



This is a force gauge with the functions required for a handy-type test equipment. Operation is easy for simultaneous display of the compression and tensile force values. External inputs allow easy printout. (A printer is optional.)

The AC adaptor exclusive for the SX is applicable to 100-240V with simple plug replacement allows uses in a wide area.

## SX Series Model List

Model	SX-2	SX-5	SX-20	SX-50
Max. force	20N (2Kgf)	50N (5Kgf)	200N (20Kgf)	500N (50Kgf)
Min. display unit	0.01N/0.001Kgf/1gf		0.1N/0.01Kgf	

Caution) The min. display unit is not accuracy.

## MODEL-RX-FL-1•RX-FL-2



※The manual stand MODEL-1338 is optional.

## RX-FL Series Optional Cables

Analog output cable	RX-OP-1
RS232C interface cable	RX-OP-2
MITUTOYO printer cable	RX-OP-3
External control cable	RX-OP-5



## SX Series Standard Specifications

Measurement unit	N, Kgf (gf), Lbf selectable
Measurement item	Track/Peak/+Peak/-Peak
Accuracy	±0.2% F.S.
Sampling frequency	20, 62, 200 & 800 times/sec. selectable
Display update interval	1,2,5,10 & 20 times/sec. selectable
Display	LCD, Signed 5-digits, 40 x 40mm
Functions	External printer input, external contact hold input, external zero-reset input, overload output, thermal printer BL2-58 printer output, reset after printing (ON/OFF), automatic power off (ON/OFF), automatic zero reset (ON/OFF), both compression peak and tensile peak display
Standard accessories	6 attachments, exclusive AC adaptor (100 to 240VAC) and exclusive carrying case
Options	Thermal printer BL2-58 & cables
Applicable temperature range	0 to 50°C
Weight	Approx. 360g
Power supply	Three exclusive AAA nickel hydrogen cells, AC adaptor MODEL-770 (5VDC, 1200mA)

## SX Series Standard Accessories



## SX Series Optional Cables

Over load cable	SX-OP-1
Printer & External input cables	SX-OP-2

The RX-FL Series measures the peak values, bottom values, click ratios, click values, etc. of silicone rubber and dome switches in a single sequence of operation. It has a large screen and stores measured data in memory, which may be printed out or output to a PC after measurement.

## RX-FL Series Standard Specifications

Model	RX-FL-1	RX-FL-2
Measurement range	10N (1Kgf)	20N (2Kgf)
Min. display unit	0.001N (0.1gf)	0.01N(1gf)
Unit of Measurement	N, Kgf, Lbf selectable	
Measurement item	Peak value, Bottom value, Click value & Click ratio	
Accuracy	±0.2%F.S.	
Sampling frequency	5ms (100Hz)	
Display	6-digits LCD, 44 x 44mm	
A/D converter	16-bit, 100kHz	
CPU in use	16-bit, single-chip CPU	
Analog output	±2V/F.S.	
Communication output	RS232C, 38400bps	
Printer output	SANEI thermal printer, MITUTOYO DIGIMATIC output	
GO-NG judgment	Lamp indication & output	
Stand connection output	Overload, zero reset & external input display hold contact	
Continuous run time	Approx. 12hours	
Applicable temperature range	0 to 40°C	
Weight	Approx. 450g	
Power supply	Nicc & AC adaptor MODEL-761 (100VAC) or MODEL-762 (200-240VAC)	