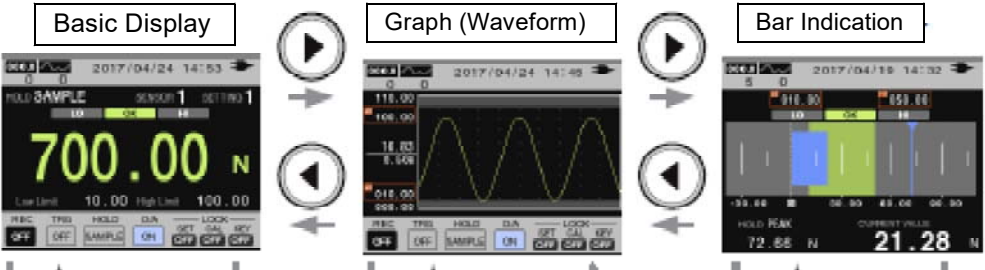


For Resistance Welding

# Digital Type Welding Force Gauge

# SP-270 Series

Graphical analysis! Data recording!



**Digital Type Welding Force Gauge SP-270 Series**

**Outline**

SP-270 is advanced model for measuring and analyzing electrode force of spot welding. Multi-function is equipped in the compact unit which supports mobility and precise measurement.

**Feature**

- ◇ Clear display [ 4inch TFT Color LCD ]. Language (Japanese or English) selectable.
- ◇ Real time continuous digital display [ 1000 sampling/sec ]
- ◇ Graphic display of electrode force waveform with adjustable time axis
- ◇ Bar meter display allows easy judgement of measured force between upper and lower limit.
- ◇ Output function (electrode force per 1msec) to PC with USB connection and free special software
- ◇ Common power source [ dry cell and USB bus power ]
- ◇ Auto power off function with variable time
- ◇ Maximum 6 channels to exchange different sensors(option) for suitable range

**Specifications**

Item		Specifications				
Measurement display		Continuous / Sample Hold / Peak Hold / Bottom Hold				
Accuracy		± 1% Full Scale				
Limit force		120% of rated force				
Data Record/Output		Measured Value 300data, Graph 8data				
External output		Analog output (DC ± 2V F.S.)				
Power source		Dry battery (Alkaline or NiMH) and USB bus power				
Operating Temp.		5°C ~ 40°C				
Accessories		Sensor / Sensor cable / USB cable / Alkaline battery (AA x 4) Carrying case / Instruction manual / Test certificate				
Model No.	SP-270-	F200N	F1000N	F10kN	F30kN	F50kN
Range	N · kN	20N~200N	100N~1000N	1.00kN~10.00kN	3.00kN~30.00kN	5.00kN~50.00kN
Body ---- W X H x D (mm)	85 x 140 x 35					
Sensor -- T x Φ x L (mm)	9.5 x 20 x 198		18 x 34 x 470	21 x 36 x 472	22 x 37 x 473	
Cable length	1. 0m		1. 5m			
Weight (Body + Sensor)	600g		1000g	1050g	1100g	
Weight (Inc. Case & Acc.)	1100g		1800g	1850g	1900g	

**Option**

- Sensor cable 3m or 10m (for F10kN, F30kN, F50kN)
- Optional sensor for exchange ( F200N, F1000N, F10kN, F30kN, F50kN )
- Soft case
- Analog output cable ( B N C connector )

[ May change without the preliminary announcement of a part of appearance and specification by product improvement etc. ] 2018.04

Manufacturer Specialized in the measuring equipment for resistance welding

Distributor

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