

一般抵抗溶接用

デジタル加圧力計

# SP-255 シリーズ

充実したラインアップ!



10kN/20kN



FU10kN/FU20kN



F200N/F1000N



F10kN/F30kN

### ■ Outline:

The model SP-255 is a handy type digital welding force gauge which can measure weld force applied between electrodes that is one of the three important conditions for the spot welding. The model measures the force applied and displays data on LCD by using high accurate sensor.

### ■ Features:

- (1) Measuring forces are digitally displayed successively.
- (2) To ensure accuracy, averaged value of sampling in 64 times/sec. is employed in display.
- (3) It can hold an optional data measured.
- (4) It can memory and indicate maximum load during measurement.
- (5) Has a auto-zero reset function.
- (6) Convenient in handling by incorporating dry batteries (UM-3x2)
- (7) Auto-power off function for saving power consumption.
- (8) Indication for requesting replacement of batteries.

### ■ Specifications:

Item	Contents
Measurement display	Digital, successive (with hold function)
Display	3+1/2 digits LCD (Segment type)
Accuracy	±1% Full Scale (Static force)
Limit force	120% of fixed force
Power source	Dry battery ×2 (UM-3)
Battery life	8 hrs (Alkaline battery, continuous use)
Temp. operated	0° ~ +40°C
Accessory	Case/Manual/Test Report

#### [Fixed type]

The fixed neck type is standard type in this series which adopts hydraulic system.

Model	Measure range	Minimum force	Dimensions (mm)
SP-255-10kN	0.5kN~10.00kN	0.01kN (1kgf)	L262 × W68 × T36 /780g
SP-255-20kN	1.0kN~20.0 kN	0.1 kN (10kgf)	L262 × W68 × T36 /780g

#### [Flexible type]

Two types are available, the one is fixed neck type and the other is flexible neck type which is convenient in the measurement for the distant place.

SP-255-F 200N	10N ~ 200N	1 N (0.1kgf)	Senser $\phi 20 \times L198$ / 60g / Cable 1.0m
SP-255-F1000N	50N ~ 1000N	1 N (0.1kgf)	Senser $\phi 20 \times L198$ / 60g / Cable 1.0m
SP-255-F10kN	0.50kN ~ 10.00kN	0.01kN (1kgf)	Senser $\phi 34 \times L470$ / 550g / Cable 1.5m
SP-255-F30kN	1.5 kN ~ 30.0 kN	0.1 kN (10kgf)	Senser $\phi 36 \times L472$ / 570g / Cable 1.5m

Body L195×W68×T36/430g

#### [Flexible FU type]

The new FU type is flexible long neck and closed hydraulic system, insulated against weld current.

SP-255-FU10kN	0.50kN ~ 10.00kN	0.01kN (1kgf)	Senser 36×36×L470/ 610g / Cable 1.5m
SP-255-FU20kN	1.0 kN ~ 20.0 kN	0.1 kN (10kgf)	Senser 36×36×L470/ 610g / Cable 1.5m

Body L195×W68×T36/430g

-- Appearance and specifications are subject to change for improvement without notice. --

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