

08

# Welding force measuring gauge

Welding Expert FORCE

Model

WEF-1000

SPOT



Monitech co.,ltd.  
[www.monitech.co.kr](http://www.monitech.co.kr)

## Main Features

- Small and light , easy to carry
- Easy operation
- Automatic reset when the maximum value is measured
- The servo gun ensures a perfect noise protection
- Continuous value and holding function in accordance with change of force



## Main Purposes

- Management of force in SPOT welding production lines in the automobile, electrical device and electronics industry

## Specification

Model Name	WEF-1000
Measuring range	Max. 30kgf / 100kgf / 1 Ton / 2 Tons (to be confirmed when ordering)
Nonlinearity	0.5% R.O
Safe Overload	150% R.O
Accuracy	2% F.S
Digit number displayed	1 decimal place
Main functions	Peak hold function
Load cell dimension	52(D) X 14(H) X 355.5(L)mm
Power Supply	1.5 V AAA Battery X 4

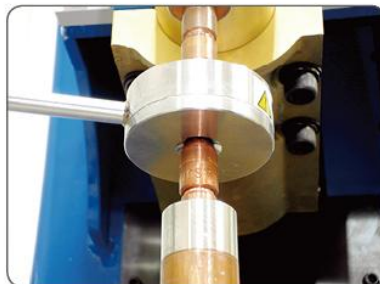
## Force Sensor Types

Sensor type	Model name	Measuring range
Non-conductive		30~100kg
		1 Ton / 2 Ton
Insulated		1 Ton

## Examples of usage



load cell upper sensor part



load cell lower sensor part



Insulated load cell

## Real-time welding quality control and inspection solution

### ■ Real-time welding monitoring system

- 01. Welding quality monitoring system (ARC/SPOT/TIG)
- 02. Intelligent welding monitoring system  
(NUT & BOLT Projection welding)
- 03. Welding calibration master equipment (ARC/SPOT/DUO)
- 04. MICRO SPOT welding monitoring system
- 05. High speed thermal imaging welding monitoring system
- 06. Ultrasonic welding monitoring system
- 07. Laser welding monitoring system

### ■ Welding process measurement and equipment

- 08. Welding force measuring gauge (FORCE)
- 09. Current and force gauge (HANDY)
- 10. Advanced current and force gauge (HANDY PRO)
- 11. Measuring analyzing equipment for WPS/PQR (WPS)
- 12. Welding waveform analysis management equipment (MULTI)

### ■ Inspection and integrated monitoring S/W

- 13. Integrated management and control system (MIS)
- 14. Inspection record computerized management system for the Initial, middle, and final products (IM)



ISO 9001 / ISO 14001 / INNOBIZ / Venture

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