

09

Current and force gauge

Welding Expert HANDY

Model

WEH-3000

SPOT



Monitech co.,ltd.
www.monitech.co.kr

Main Features

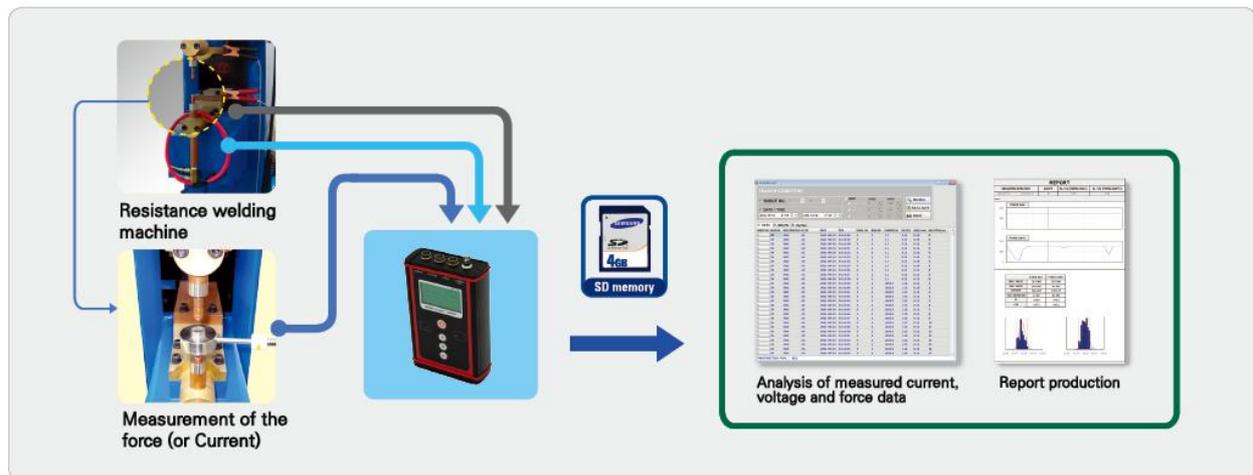
- Current, voltage and force of resistance welding can be measured in one equipment
- Palm-sized and rechargeable battery powered
- Measurement data stored in SD memory/exclusive Data viewer S/W included
- Inverter DC, AC, Condenser DC, etc. are measurable
- Multi-pulse current is measurable by each pulse



Main Purposes

- Essential equipment for welding quality control when producing auto parts and electronic products
- Excellent performance when actual output of welding equipment is regularly inspected and maintained.
- It can be used for internal calibration of welding machines

Basic Configuration of handy



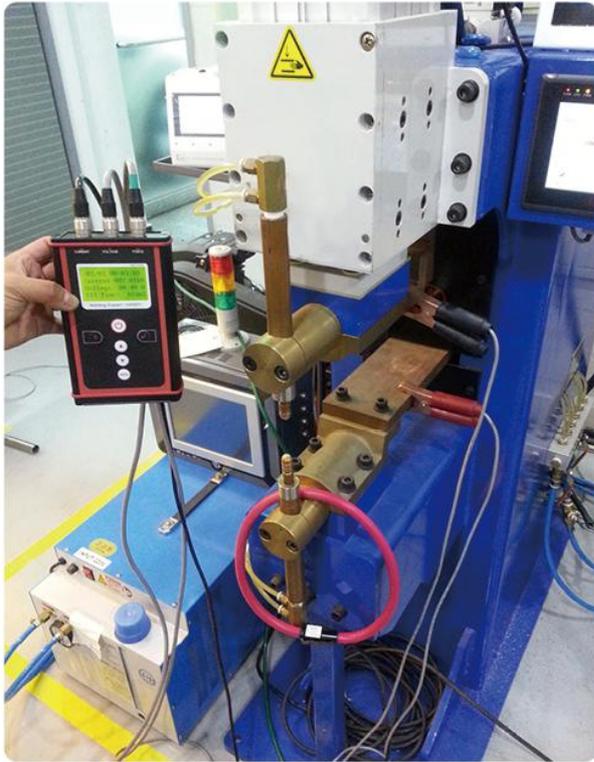
Specification

Model Name	WEH-3000
Size	105(W) X 170(D) X 45(H)
Weight(kg)	0.8
Input (Rechargeable)	AC 100/220V, 50/60Hz (Free Voltage)
Measurement channel	Current, voltage, cycle time (weld time) and force
Current measuring range	AC: ± 200 kA * DC: 1~200 kA
Voltage measuring range	AC: ± 10 V * DC: 0~10V
Force measuring range	Max. 300N, 1kN, 2kN, 10kN, or 20kN (to be confirmed when ordering)
Data storage	SD Memory

Force sensor types

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

Application case



Handy application case



Insulated sensor application case

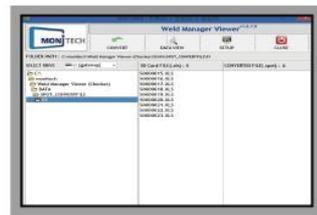
S/W screens



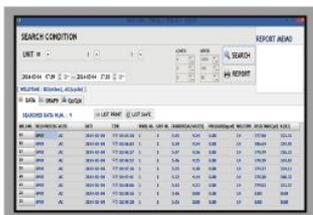
Main screen



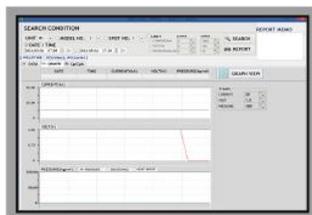
Main screen(SPOT/ARC)



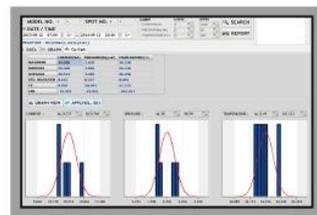
Data search screen



Data search screen-Data



Data search screen-graph



Data search screen - Cp/Cpk

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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