



# WELDING CURRENT METER

**Weld Monitor  
model  
WM-5**

**Full  
Digital**





# Support your welding with reliability & easy operation.

## Features

### ● Control system

Full digital system is adopted and waveform process is performed from microcomputer.

### ● Data management

Communication function mounted. External management for stored data is available.

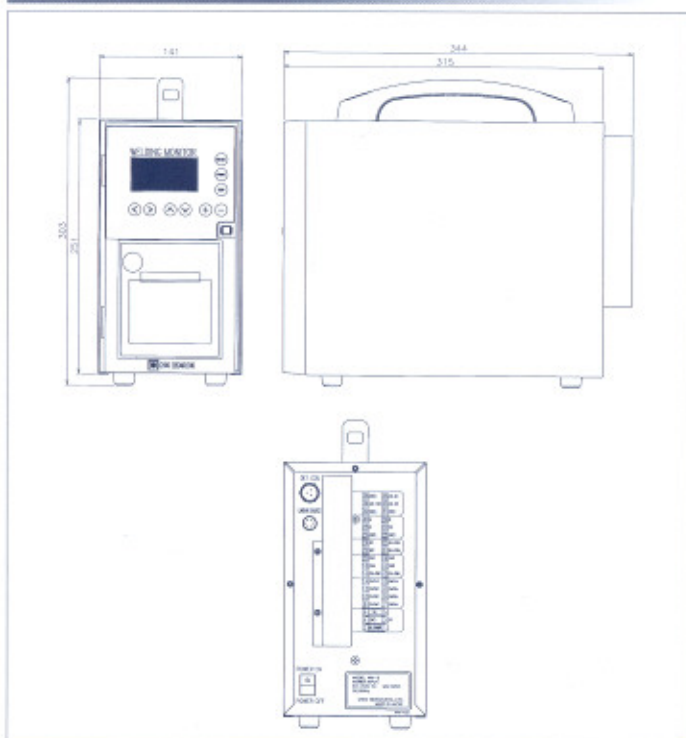
### ● Substantiated function

Analog input equipped. Displacement, air pressure can be managed simultaneously. (Optional function)

### ● Power Solution

Free power available for overseas use

## Outline drawing



## Specifications

Items		Ratings
Measurement Objects	Waveform	Single-phase AC/DC, AC/DC inverter and Capacitor types
	Welders	Resistance welders of spot, projection, and upset butt types
Number of Channel		Manual: 99 channels (Remote: 63 channels)
Current Measurement		1.00-50.0 kA (Auto-range) *0.5-cycle root-mean square operation within instructed time frame
Time Measurement		0.5-99.5 cycles (every: 0.5 cycles) DC (ms), CAP: 1-199 ms
Measurement Error	Current	±2% in 40% load
	Time	None
Monitoring Functions	Current	1.00-50.0 kA (in standard) (3 digits indicated)
	Time	0-99 cycles (2 digits indicated)
	Output	OK output and NG output available (relay contacts)
Current Detection		WMC-800DN
Analog Input		0-5 V DC, 1-5 V DC, Max. 3 V for AC50Hz and AC60Hz
Displacement Input		-99.99 - 99.99
Counting		0 - 99999 in total count
Displaying Items		Channel, Current, Cycle, Analog
Communicative Function		Based on RS-485
Printing Sheet		Heat-sensitive sheet role: 58 mm W x 52 dia.
Data Storage Capacity		1000 points
Operation Ambient Temperature		0 to 40°C
Allowable Humidity		45-85% without condensation
Storage Temperature		-10 - 60°C
Data Store		10 years in ambient temperature of 25°C
Power Supply		85 to 264V AC 50/60Hz
Power Consumption		80 VA
External Dimensions		W141 x H251 x 315 mm excluding projection
Net Weight		4.5 kg

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