

For all kinds of resistance welding

Welding Current Meter

SP-3288/SP-3290

(Data Output from USB port)



WELDING CURRENT METER

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■ **Outline :**

Model SP-3288 is handy type welding meter of secondary current and welding time for all kinds of resistance welding. Sensor is MEKANO patented toroidal coil for precise current detection. Measured data is digitally indicated in the display and stocked in built-in memory. RMS effective value calculated at each half cycle or Peak value of welding current is displayed together with welding time and conduction angle. In case of capacitor discharge type welder, it measures and displays peak value of current and time(mSec) to peak current or time(mSec) to the end of current application.

■ **Features :**

- ◇ More compact • lighter body and touch key is improved for easier operation.
- ◇ Measured data of maximum 100counts are stocked in built-in memory .
- ◇ Wide range for measurement (Current: Max. 99.9kA, Time: Max. 999.5CY / 2000ms)
- ◇ The unit displays measured data; "Count No.", "Current (kA)", "Welding time (cycle / ms)" and "Conduction angle".
- ◇ Additional new functions support measurement of designated time scope for any current type and designated pulse number for multi-pulse current application.

■ **Data Output (SP-3290) :**

- ◇ SP-3290 has USB port for transferring the measured data as below to PC.
 - [Data 1] Date(Y/M/D/H/M/S), Count No, Current value, Welding time, Conduction angle
 - [Data 2] Divisional data per 1cycle (20mSec/16.7mSec at 50Hz/60Hz) for each welding count.
 - [Capacitor discharge type] : Divisional data(time) per 10% of peak value.
- ◇ Free software for PC application is available at Spotron website.

■ **Specifications :**

Application		Single phase/3phase AC, Rectified Current, AC/DC Inverter, Capacitor discharge, Intermittent seam weld, etc.
Welding current	Ranges	0.50kA~9.99kA / 2.50kA~25.0kA / 10.0kA~99.9kA
	Value	RMS value or PEAK value
	Accuracy	±2% F.S. / RMS±(2%rdg+3dgt), PEAK±(2%rdg+9dgt) * Either the above two values which is smaller.
Welding time	Ranges	(SP-3288) Cycle: 0.5~999.5CY, mSec: 0.1~2000mSec (SP-3290) Cycle: 0.5~999.5CY, mSec: 0.1~9999mSec
	Value	All over weld time / (Tp) Time to Peak / (Tz) Time to End
	Accuracy	Cycle: ±0.5CY, mSec: ±1mSec
Power source		NiMH Battery (1900mAH) AC Adaptor (AC100-240V 50/60Hz)
Operating Temp.		5 °C ~ 40 °C
Dimensions		87(W) x 151(H) x 30(D) mm
Approx. Weight		0.45kg (Main unit) / 1.8kg (Including Case & Accessories)
Accessories		Toroidal Coil PU-15B (16x500mm U-Shape), AC Adaptor, Carrying case, Strap, Instruction Manual, Test Certificate

■ Option: Soft case for main unit, Toroidal coil PU-14 [18φ x 800mm (260φ)]

Made in Japan [May change without the preliminary announcement of a part of appearance and specification by product improvement etc.] 2018.12

Manufacturer Specialized in the measuring equipment for resistance welding

Distributor

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