

**Spotron**

一般抵抗溶接用

溶接電流計

**SP-3110**

小型で信頼性の高い溶接電流計



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# Welding Current Meter SP-3110

**Spotron**

## ■ Outline :

Model SP-3110 is a handy type welding current meter, which measures welding current and weld time for spot welding, and digitally displays the result of measurements, which can be simultaneously printed by the built-in printer.

## ■ Features :

For AC current or rectified current type, effective value of welding current is measured at each half cycle and effective mean value is calculated and displayed after application of welding current. In case of the capacitor discharge type welder, current and time is measured and indicated in peak value and discharge time.

It's possible to measure 2 stage welding current, for example. Pre-Heat & after then Heat, by data memory function.

It can also storage up to 100 spots fo welding even in case of very fast working tact.

Measurement of resistance welding time has so wide range that the maximum realized up to 300 cycles.

Liquid crystal panel with the legible back-lite is employed.

Data recording is also possible by small built-in thermal printer. Wave form and histogram can be printed on roll paper.

Designed to be handy, convenient for carrying, cordless with built-in rechargeable battery.

## ■ Specification :

Applicable for		Those type of single phase AC, single phase rectified, three phase rectified, inverter weld current, capacitor discharge weld current, intermittent seam weld currtten
Welding current	Ranges	300A-999A, 0.50kA-9.99kA, 8.0kA-20.0kA, 5.0kA~99.9kA
	Indication	Average of RMS value or PEAK value
	Accuracy	±2% at full scale point
Welding time	Ranges	CYCLE : 0.5-300 cycles, mSEC : 0.1-999mSec
	Indication	All over welding time by cycles or time=Tp, time=To
	Accuracy	CYCLE : ±0.5 cycle, mSEC : ±0.1 mSec
Printer	Items	Data 1 : Number of times measurement, operated date, weld current, weld time, phase control angle.
		Data 2 : Data 1 plus current and conduction control angle, printed for every each one cycle.
		Wave 1,2 : Data 1 plus weld current wave form
		Graph : Histogram
	Speed	0.7 Sec/line
Paper	Thermal paper, roll width 58mm, roll 40mm	
Data memory	Data 1:100 data max, Data 2:300 cycles, Wave 1,2:40 cycle, Graph:99999 times	
Display	16 digit LCD with EL light	
Power supply	Rechargeable battery, AC adaptor (100V only)	
Dimensions	120(W) × 78(H) × 180(D)mm Weight 1.7 kg (Approx)	
Accessory	Toroidal coil (PU-10), AC adaptor (100V only), Recording paper, Soft case, Shoulder belt, Instructions manual,	

Appearance and specifications are subject to change for improvement without notice. 2003.11

Manufacturer specialized in the measuring equipment for resistance welding

Distributor