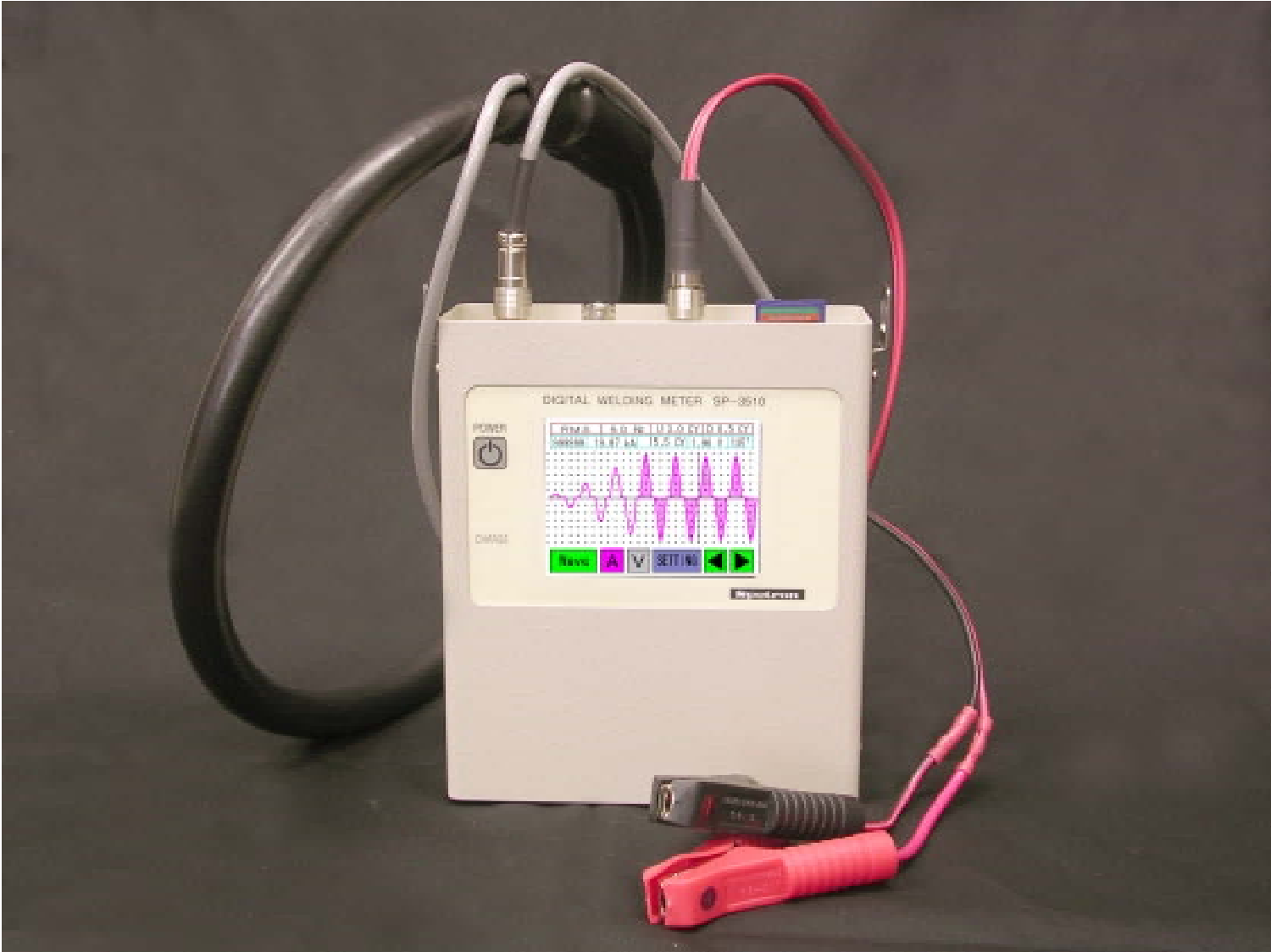


For all kinds of resistance welding

# Welding Current/Volt Meter

# SP-3510



# Welding Current/Volt Meter S P - 3 5 1 0

## Outline

Model SP-3510 is welding current/volt meter for all kinds of resistance welding, such as Single phase AC, Inverter, Condenser type, etc.. Current detection is supported by high performance toroidal coil made by Spotron. 4 patterns of measurement data are displayed on touch panel LCD; [Standard(per weld)] [Divisional(per cycle)][Wave form] [Graph data]. The unit automatically saves the measured data except wave form into main CPU. In addition, it is possible to save all the data into SD card and/or output from USB connection. External printer with thermal paper is available as an optional equipment.

## Features

- Displaying Current/Voltage/Weld time/Wave form on LCD (3.5inch, 240x320dots)
- Easy operation and setting by Touch Panel.
- Saving measured data and wave form into SD card and data output by USB connector is possible.
- Covering weld time max.3minutes for the continuous seam weld.
- Wider current range 1.00kA ~ 499kA consists of 3ranges (HIGH/MIDDLE/LOW)

## Specifications

Item		Description
Applicable for		Single phase AC, Three phase Rectified, Inverter, Condenser, etc. (for resistance welding)
Welding Current	Ranges	1.00kA ~ 499kA
	Display	Average of RMS or Peak value
	Accuracy	± 2 % ( F.S. )
Voltage	Ranges	0.30 ~ 59.9V
	Display	Average of RMS or Peak value
	Accuracy	± 1 % ( F.S. )
Welding Time	Ranges	C Y C L E : 0.5 ~ 9999cycle / m S e c : 1 ~ 180,000mSec
	Display	All over weld time: cycle / Time to peak:Tp, Time to zero:Tz
	Accuracy	C Y C L E : ± 0 . 5 cycle / m S e c : ± 1mSec
Display	Standard	Current · Effective heat time · Voltage · Phase control angle
	Division	Standard data + divisional data of designated time/cycle
	Wave form	Standard data + Wave form per one heat(current application)
	Graph	Standard data + Graphic display of measured data
Power source		Built-in Battery & A C Adapter ( AC100-240V 50/60Hz )
Dimensions		W 1 4 5 × H 1 8 3 × D 6 5 ( mm )
Weight		Body: Approx 1 . 9 k g
Accessories		<ul style="list-style-type: none"> <li>• Toroidal Coil PU-14 [Current detection] ( 18 × 800 260 )</li> <li>• Clip cable[Voltage detection] · AC Adapter ( AC100-240V )</li> <li>• USB cable · SD Card · Shoulder belt · Instruction manual</li> <li>• Test certificate</li> </ul>

\*May change without the preliminary announcement of a part of appearance and specification by product improvement etc. 2015.04

**Specialist for spot welding measurement**

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