

- Measures current, voltage, force and displacement
- Set limits for all parameters
- Comprehensive machine I/O
- Easy screen-menu navigation
- Built-in printer and RS232/485 output



Measure current, voltage, force and displacement

Understand, optimize and benchmark your process and equipment

Weld-through sensor

Measure force, current and voltage simultaneously directly at the electrodes

Set limits and machine I/O

Instant feedback regarding process drift or weld issues

Easy screen navigation

Scroll through and select menus with rotary dial

Waveform and data analysis

Precise graphical displays of waveform time and amplitude

Built-in printer and RS232/485 output

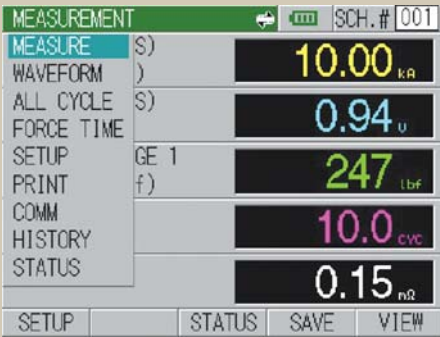
Instant screen prints, out-of-limit record and waveforms. Color screen capture and data collection through COM port



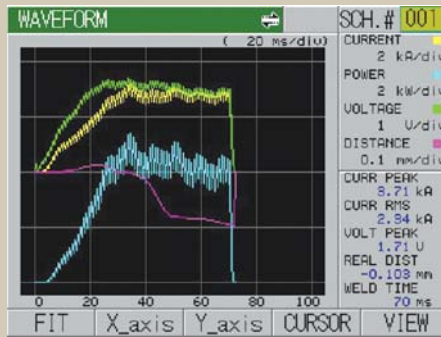
Complete Summary Data



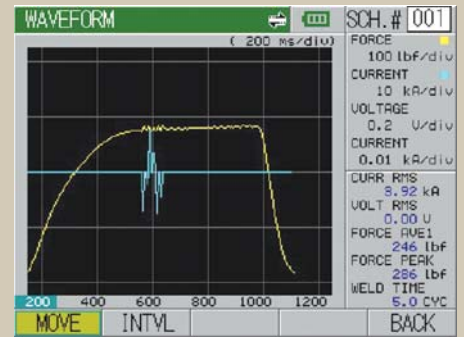
Current and Displacement Timing



Drop-down Menu Navigation



Overlay Multiple Waveforms



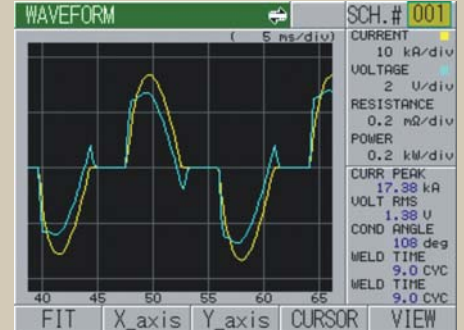
Force and Current Timing



I/O Conditions

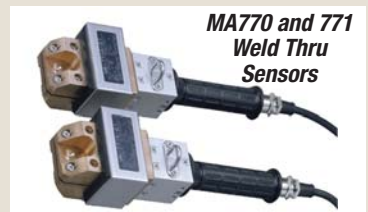


Set Limits



Zoom of Current and Voltage

ACCESSORIES



SPECIFICATIONS

Current Range	0.010 to 200.0kA
Force Range (MM-370A-00-01 Only)	MA-770A-01: 55 to 1102 lbf, (25 to 500 kgf) MA-771A-01: 110 to 2204 lbf, (50 to 1000 kgf); MA-520: 1.10 to 22.04 lbf, (0.50 to 10.00 kgf) MA-521: 11.0 to 220.4 lbf, (5.0 to 100.0 kgf); MA-522: 110 to 2204 lbf, (50 to 1000 kgf)
Displacement Range	GS-1613A: 0 - 10mm, 1 micron accuracy; GS-1630A: 0 - 30mm, 1 micron accuracy GS-1000A: 0 - 100mm, 10 micron accuracy
Voltage Range	0.30 to 20.0 Volts
Current Measurement Time	AC Current, Cycles: 0.5 to 600.0 Cycles at 60 Hz ; AC Current, ms: 1 to 2000 ms DC Current, Cycles: 0.5 to 120.0 Cycles at 60 Hz; DC Current, ms: 1 to 2000 ms
Force Measurement Time	1 to 6000 ms
Measurement Mode for Voltage and Current	Arithmetic Mean RMS or Maximum, (Peak)
Data Output	Data can be aquired using the built-in printer or standard RS-232/RS-485 port.
Number of Schedules	127
Dimensions Inches (mm) H x W x D	10.6 x 6.8 x 11.4 (269 x 172 x 290) Excluding Protrusions
Weight Lbs (kg)	11 (5)
Power Requirements	100 to 240 VAC, 50/60Hz, 0.7 Amps

Your Local Representative



1338 N. Knollwood Circle
Anaheim, CA 92801
t: 714-252-5330
f: 714-252-5335
www.seedorffwelders.com

Specifications subject to change without notice.
Copyright© 2006 Miyachi Unitek Corporation. The material contained herein cannot be reproduced or used in any other way without the express written permission of Miyachi Unitek Corporation. All rights reserved.