

LUNCH BOX[®]

MICRO-OHM METER

The Micro Ohm Cable Tester measures from 3 to 2000 micro ohms and can be used to measure the resistance of secondary weld circuit components. These include kickless cables, water cooled jumpers, laminated shunts, air cooled jumpers, weld gun castings, weld tips joints, weld transformers, oxidation in joints, connectors, or any component that can increase in resistance.

A stable 2.5 Amp Current source is incorporated into the meter providing high accuracy measurements to be displayed on a large 3 ½ digit LCD display



SPECS (MOCT7550)

Measuring Range	3-1999 $\mu\Omega$	Accuracy		Power Supply	
Measuring Current	2.5 Amps	Relative accuracy	<1% of F.S.	12 Volt rechargeable	
		Absolute accuracy	<2% of F.S.	"C" size batteries	
Est. Battery Life		Display		Dimensions	
Current on	1.25 hour	Type	LCD	Length	8-1/4"
Number of checks (10 sec.)	450	Digits	3 ½	Width	7"
		Height	0.7" (18mm)	Depth	3-3/4"

HOW IT WORKS

The Micro Ohm meter uses a 4-wire Kelvin probe system. Each probe passes test current through the outer points of the probe and the voltage is sensed by the center pin. With this method, errors caused by the resistance of the leads and the contact resistance are eliminated.

**Milli-Ohm Meter also available. Milli Ohm Cable Tester (MOCT7600) measures from 0.3 to 200 milli ohms and can be used to measure the resistance of primary (440 volt) weld circuit components.*

IDEAL FOR TROUBLESHOOTING

The Flex-Cable Micro Ohm Meter may be used to measure the resistance of very high conductivity conductors such as copper cables, laminated shunts and copper buss bars.

Because of its capability of detecting increases in resistance of these items, the meter may be used for troubleshooting problems with the secondary circuit of a resistance welder.