

10 Amperes max. test current

# Micro-Ohm METER

Model : MO-2014

ISO-9001, CE, IEC1010



**Lutron**

LUTRON ELECTRONIC

*The Art of Measurement*

# Micro-ohm METER

Model : MO-2014

## FEATURES

* 4 terminal devices for accurate measurement of very low resistance.
* Ideal for measuring the resistance of components precisely.
* Ideal for testing protective conductors, lightning conductors and welded points.
* Maximum test current is 10A ( 60000uΩ range only ).
* Have two working mode , Resistive and Inductive mode, Normal is resistive mode.
* Good / Fail set-function for input quality control.
* Built-in in buzzer sound (GOOD STATUS) to assist the Q.C. judgment.
* Especial "CALCULATE" function to measure cable / wire length.
* Wide measuring range, 1 uΩ - 6K Ω , 6 ranges.
* Large size and back-light LCM display, easy read-out.
* LSI circuit provides high accuracy, reliability and durability.
* Built-in over input protection.
* Durable bench type housing plastic case stand.

## GENERAL SPECIFICATIONS

Test Range (Test Current)	60000 uΩ ( 10 A DC ) 600 m Ω ( 1 A DC ) 6 Ω ( 100 mA DC ) 60 Ω ( 10 mA DC ) 600 Ω ( 1 mA DC ) 6000 Ω ( 100 uA DC )
Warning Setup	* Warning LCD Indicator * Buzzer
Operating Temp.	0 to 50°C ( 32 to 122°F ).
Operating Humidity	Less than 80 % R.H..
Power Supply	DC 1.5 V , AA (UM-3)Battery X 8 PCs . AC to DC 9V Power adapter .

\* Appearance and specifications listed in this brochure are subject to change without notice.

Fuse protect	* 10 A / 250 V * Size : 6.3 X 32 mm dia..
Dimension	225 x 125 x 64 mm ( 8.86 x 4.92 x 2.52 inch)
Weight	Approx. 790 g ( 1.74 LB ).
Standard	4 wire with 2 Kelvin clips..... 1 pair
Accessories	Instruction Manual..... 1 PC AC/DC 9V power adapter..... 1 set
Optional	* USB cable, USB-01.
Accessories	* RS232 cable, UPCB-02. * Data Acquisition software, SW-U801-WIN., SW-E802. * SD card data recorder, DL-9602SD

## ELECTRICAL SPECIFICATIONS ( 23± 5 °C )

Range	Resolution	Test current	Accuracy
60000 u Ω	1 u Ω	10 A	± ( 0.25 % + 25 d )
600 m Ω	10 u Ω	1 A	
6000 mΩ	100 u Ω	100 mA	
60000 mΩ	1000 u Ω	10 mA	± ( 0.75 % + 3 d )
600 Ω	10 mΩ	1 mA	
6000 Ω	100 mΩ	100 uA	

@ The above accuracy is based on the reading value.

@ Spec. tested under the environment RF Field Strength less

than 3 V/M & frequency less than the 30 MHz only.

Range	Open Circuit Voltage
60000 u Ω	Approx. DC 4.33 V
600 m Ω	Approx. DC 4.33 V
6 Ω	Approx. DC 4.33 V
60 Ω	Approx. DC 4.33 V
600 Ω	Approx. DC 4.33 V
6000 Ω	Approx. DC 4.33 V

1403-MO2014