

10 Amperes max. test current



Micro-Ohm METER

Model : MO-2014

ISO-9001, CE, IEC1010



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, 5 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	60000 uΩ (10 A DC)
(Test Current)	600 m Ω (1 A DC) 6000 mΩ (100 mA DC) 600000 mΩ (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 .

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 Carrying case, CA-08..... 1 PC
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	
600 Ω	10 mΩ	1 mA	± (0.75 % + 3 d)
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
6000 mΩ	Approx. DC 4.33 V
600000 mΩ	Approx. DC 4.33 V
600 Ω	Approx. DC 4.33 V
6000 Ω	Approx. DC 4.33 V

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

220819-MO2014