DC LOW RESISTANCE OHM METER

DIGITAL DC LOW RESISTANCE METER
Model - KM OHM 8501 - PC INTERFACE / KM OHM 8501E

500 Set Data Storage

CAT III 600V



CE Approved

Mainly used to measure the wire resistance of cables, the contact resistance of switches, connectors, relays, the resistance of coils, motors, transformer windings, & metal riveting resistance, the connection resistance test between metal components, the low-value resistance test, & the ground grid and ground poles. Resistance test of connecting conductor, contact resistance test, etc.

✶ **Display :** Large-screen LCD gray & white screen backlight display.

✶ **LCD Size :** 72 x 55mm

✶ FUNCTIONS :

FUNCTIONS \ MODELS	KM OHM 8501	KM OHM 8501E
Resistance Ranges	0.001mΩ ~ 300.0KΩ	0.01mΩ ~ 30.00KΩ
Resolution	1μΩ	10μΩ
Accuracy	± 0.1% FS ± 20 dgts	
Test Current	≥1A	
Open Circuit Voltage	≤ 4.2V	
Measuring Power	≤ 8W	
Sampling Rate	2 times/sec	
Insulation Resistance	More than 10MΩ (Between circuit & case)	
Withstand Voltage	AC 3700V/rms (between Circuit & case)	
Data Storage	500 sets	
PC Interface	Yes	No
Charging function	Yes	
Data Review function	Yes	
Four wire measurement	Yes	

✶ FEATURES :

- USB Data upload function
- Overload protection.
- Overrange indication
- Micro USB Interface
- Low battery indication
- Automatic shutdown after 15 minutes

✶ **Power supply :** DC 3.7V 2000mAh

✶ **Dimension :** Approx. 187(H) x 119(W) x 50(D)mm

✶ **Weight :** Approx. 480g (including battery+Test leads)

✶ **Accessories :** User's manual, Test leads (60cm red & black) USB Cable, adaptor, Carrying case & Software CD

HANDHELD DC RESISTANCE TESTER(10A)
Model - KM-OHM-8502

Touch-Screen Display

500 Set Data Storage



Mainly used for measurement of transformer DC Resistance, Transformer Winding Resistance, Network Connectivity, Cable Conductor Resistance, Contact Resistance of Switches, Connectors, Relays, Winding, Motor, Transformer Winding Resistance & Metal Riveting Resistance, Metal Component Coupling between Resistance Test, Low Resistance Testing, Contact Resistance Testing, etc.

✶ **Display :** LCD Full-color backlight touch screen display.

✶ **LCD Size :** 108(L) x 65(W)mm

✶ FUNCTIONS :

- **Resistance Ranges :** 10.0μΩ ~ 50.00KΩ
- **Measuring Current :** 10A / 5A / 1A / 0.1A / 10mA / 1mA
- **Resolution :** 0.1μΩ
- **Accuracy :** ± 0.2%FS ± 10dgts
- **Short Circuit Current :** Max. 10A
- **Insulation Resistance :** More than 10MΩ (Circuit between the shell & 500V)
- **Withstand Voltage :** AC 3700V / rms (between Circuit & case)

✶ SAFETY :

- IEC61010-1, CAT III 600V, Pollution level 2, JJG724-1991 <<VERIFICATION Regulation of DC Digital Ohmmeter>>, JJG166-1993 <<Verification Regulation of DC Resistor>>, <<VERIFICATION Regulation of DL/T967-2005 Circuit Resistance Tester and DC Resistance Rapid Tester>>
- **Electromagnetic Property :** IEC61010-4-3, Wireless frequency electromagnetic field ≤1V/m

✶ ADDITIONAL FUNCTIONS :

- Data Storage : 500 sets
- Data access Function
- Four wire measurement.
- USB Interface
- Charging function
- Self discharge function
- Over range indication
- Low battery indication
- Automatic shutdown after 15 minutes

✶ **Power supply :** DC 12.6V 2500mAh large capacity lithium battery

✶ **Dimension :** Approx. 240(L) x 188(W) x 85(H)mm

✶ **Weight :** Approx. 1100g (including battery); Test leads Approx. 850g.

✶ **Accessories :** User's manual, Test leads (5m red & black), USB Cable, Charger software CD & Carrying case.