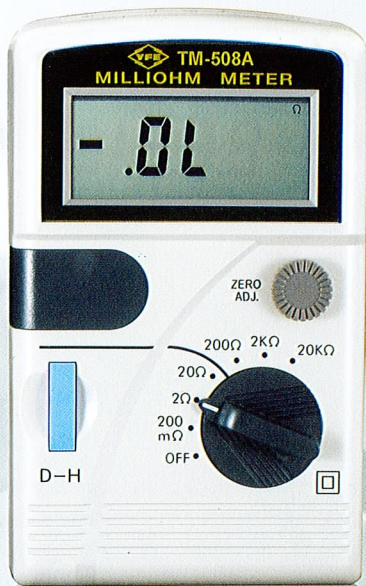
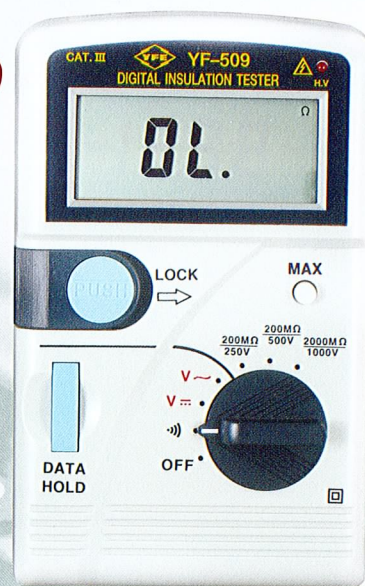


## TM-508A Milliohm Meter Battery or AC/DC Adapter Powered TM-509 Insulation Tester



**TM-508A**

**TM-509**



**CAT II  
1000V**

### DISPLAY

- 3 1/2 digits LCD display with max. Reading of 2000.
- Low battery indication : " "

### FUNCTIONS

- Zero adjustment : External zero adjust knob.
- Very low impedance measurement by four wire type one pair coated clip.
- Wide measurement range, 0.1mΩ to 20kΩ in 6 positions.
- Function keys : D-H switch lockup readings for LCD display.
- Fuse specification : 0.5A/250V ,  $\phi$  5 x 20mm, fast Min. Interrupt ratings 1500A.

### APPLICATION

- Utility area : measurement of secondary transformer winding; measurement of division switch for sufficient low-ohm value.
- Manufactures or users of relays and protective device.
- Manufacturers of switches buttons, contact material.

### DIMENSION

- Size : 160x100x52mm(LxWxH).
- Weight : About 700g.

Range	Resolution	Accuracy	Testing Current	Open-terminal voltage
200mΩ	±(0.3%+1d)	0.1mΩ	100mA	4.0Vmax
2Ω		1mΩ	10mA	
20Ω		10mΩ	10mA	
200Ω		0.1Ω	1mA	
2kΩ		1Ω	1mA	
20kΩ		10Ω	100mA	

### DISPLAY

- 3 1/2 digits LCD display with max. Reading of 2000.
- Overload indication : "OL" .
- Low battery indication : " " .

### FUNCTIONS

- Function keys : Data hold, Max.
- Equipped with a continuity test.
- Measures high insulation resistance ( 0.1MΩ to 2000MΩ ) with manual range of 200MΩ /250V, 200MΩ /500V, and 2000MΩ /1000V.
- Measures DC voltage(0V~1000V), AC Voltage (0V~750V).

### DIMENSION

- Size : 160x100x52mm(LxWxH).
- Weight : About 480g (including battery)

	Range	Resolution	Accuracy	Short Current	
Insulation high resistance	200M/250V	0.1MΩ	±(3%+3)	0.4mA max	
	200M/500V	0.1MΩ		0.9mA max	
	200M/1000V	1MΩ	±(3%+5)	1.7mA max	
	Range	Resolution	Accuracy	Input impedance	Overload protection
ACV	ACV 750V	1V	±(0.8%+4)	10MΩ	DC100V AC 750V rms
	Resolution	Sound indication	Open voltage	Overload protection	
Continuity test	→) 0.1Ω	Less than 80Ω	3.3V max	DC/AC 500Vrms	
	Range	Resolution	Accuracy	Input impedance	Overload protection
DCV	DCV 1000V	1V	±(0.5%+1)	10MΩ	DC100V AC 750V rms