

## TM-507



240X100X45mm.(LxWxH)

### Features

- Auto Discharge of Capacitive Voltage Charges
- Standard: EN61557, EN61010-1 CAT IV 600V

### Display

- 4 digits LCD display
- Polarity indication: Automatic polarity, "-" display for negative input
- Low battery indication:

### Functions

- Function key: POWER, GO, ZERO, LOCK, BACKLIT
- Continuity test
- Measures high insulation resistance
- Measures DC voltage (0V~600V), AC voltage (0V~600V)
- Auto discharge of Capacitive Voltage Charges
- Auto power off with disable function

#### DC voltage measurement

Range	Resolution	Accuracy	Input impedance	Overload protection
0.1-600.0V	0.1V	± (0.5% rdg+1dgt)	3MΩ	605V AC max RMS

#### AC voltage measurement

Range	Resolution	Accuracy	Input impedance	Overload protection
0.1-600.0V	0.1V	± (0.8% rdg+4dgt)	3MΩ	605V AC max RMS

Max crest factor:  $\sqrt{2}$

#### Resistance measurement/Test Continuity with buzzer

Range	Resolution	Accuracy	Overload protection
0.1-199.9Ω	0.1Ω	±(2.0%rdg+3dgt)	605V AC max RMS per 1 minute

The buzzer sounds while measured resistance is lower than 30Ω

#### Lo ohms

Range	Resolution	Accuracy	Overload protection
0.01-19.99Ω	0.01Ω	±(2.0%rdg+3dgt)	Overload protection

Test current: >200mA DC up to 5Ω (measuring cables resistance included)

Test current: >45mA DC over 5Ω (measuring cables resistance included)

Open circuit voltage: 4<V0<24V

#### Mohm: Insulation resistance (Auto Range)

Test voltage	Range	Resolution	Accuracy	Overload protection
250V	0.001-0.100MΩ	0.001 MΩ	±10dgt	605V max RMS
	0.101-3.999 MΩ	0.001 MΩ	±(2.0%rdg+5dgt)	
	4.00-39.99 MΩ	0.01 MΩ		
	40.0-399.9 MΩ	0.1 MΩ	±(5.0%rdg+5dgt)	
	400-1000 MΩ	1 MΩ		
500V	0.001-0.250 MΩ	0.001 MΩ	±15 dgt	
	0.251-3.999 MΩ	0.001 MΩ	±(2.0%rdg+5dgt)	
	4.00-39.99 MΩ	0.01 MΩ		
	40.0-399.9 MΩ	0.1 MΩ	±(5.0%rdg+5dgt)	
	400-2000 MΩ	1 MΩ		
1000V	0.001-0.250 MΩ	0.001 MΩ	±15 dgt	
	0.251-3.999 MΩ	0.001 MΩ	±(2.0%rdg+5dgt)	
	4.00-39.99 MΩ	0.01 MΩ		
	40.0-399.9 MΩ	0.1 MΩ	±(3.0%rdg+5dgt)	
	400-1000 MΩ	1 MΩ		
	1000-4000 MΩ	1 MΩ	±(5.0%rdg+10dgt)	