

# APECH

## INSULATION MULTIMETER

### MODEL AM-5658

AM-5658 Insulation DMM Motor Checker, True RMS test, NCV test, Data hold, Backlight, Torch lighting, Max/Min and the difference value between max and min

AM-5658 insulation multimeter, available to DC voltage, AC voltage, DC current, AC current, Resistance, Insulation Resistance, Capacitance, Frequency, Non-contact voltage detecting, Duty-cycle, Temperature, Diode and Continuity tests; Designed with unit symbol, backlight display, torch lighting, data hold, auto ranging switch, auto power off and alarm functions.

6000 digits display

- Integrates electrical parameter measurement and insulation safety regulation measurement.
- T-RMS value measurement, NCV (Non-Contact Voltage) detection; Frequency/duty cycle and relative value measurement.
- Maximum/minimum value display and data hold function.
- Backlight display, low voltage indication and automatic power-off function.
- For new energy vehicle repair, motor cables, electromechanical equipment, telecommunication equipment, installation of power facilities, and project acceptance, etc.



#### Technical specifications:

Basic function	Range	Accuracy
DCV	600mV/6V/60V/600V/1000V	±(0.5%+5)
ACV	6V/60V/600V/750V	±(0.8%+10)
DCA	6mA/60mA/600mA/6A/20A	±(1.0%+5)
ACA	6mA/60mA/600mA/6A/20A	±(1.5%+10)
Resistance	600Ω/6kΩ/60kΩ/600kΩ/6MΩ/60MΩ	±(0.8%+2)
Capacitance	60nF/600nF/6uF/60uF/600uF/6mF/60mF	±(2.5%+5)
Frequency	10Hz/100Hz/1kHz/10kHz/100kHz/50kHz (@ ACV range)	±(1.0%+3)
Insulation	300MΩ for 250V, 500MΩ for 500V, 2GΩ for 1000V	±(4.0%+2)
Temperature	-40°C~1000°C   -40°F~1832°F	±(1.0%+5)

### Special function:

Max. display	6000
Safety level	CAT. III 600V
True RMS	✓
NCV	✓
Function Protect	✓
Diode test	✓
Continuity test	Warning sound when less than 50Ω
Duty cycle measuring	✓
Data hold	✓
Backlight display	✓
Max-Min	MAX., MIN. value and difference value between MAX and MIN
Auto power off	Approx.15minutes
Low battery indication	Approx. less than 7.6V
Input impedance	10MΩ
Sampling rate	3times/s
AC frequency response	40Hz-2kHz
Operation way	Manual or auto range
LCD size	65×40mm
Power	6×1.5V AA battery
Power dissipation	Quiescent current approx. 6mA

### PHỤ KIỆN BAO GỒM :

1pair TL98A test leads;  
1pair TL1358 alligator clip test leads;  
1pair TP01 temperature probes;  
6pcs 1.5V AA batteries;  
1pc English manual;  
1pc handbag;  
1pc color box.

