NEW product

AT 9637 Smart Touch

AC/DC WITHSTAND VOLTAGE INSULATION TESTER

CHINESE/ENGLISH OPERATION

479 (W) * 133 (H) * 391 (D)
UNIT: mm

Weight: 15kg

AC: 0.050kV-10.000kV
DC: 0.050kV-12.000kV

- DC rapid discharge
- Electric shock protection
- Arc detection function

The AT9637 series AC/DC withstand voltage insulation tester adopts a 5-inch color LCD display screen and is equipped with a mainstream high-performance 32-bit ARM processor.

The AT9637 insulation withstand voltage tester has a high cost performance ratio and is easy to operate. AT9637 can be widely used for safety performance inspection of household appliances, transformers, electrical equipment, and components. The instrument is equipped with a Handler interface (PLC interface), RS232C, and USB for convenient data communication and remote control with a PC, meeting the requirements of automated testing and improving production efficiency.



Power Supply 110VAC~220VAC 50Hz~60Hz Power: maximum 300VA

	AC Withstand Voltage	DC Withstand Voltage
Rated voltage	AC 10.000kV/20mA	DC 12.000kV/10mA
Output Voltage	0.05kV-10.000KV AC Resolution: 10V	0.05kV-12.000KV DC Resolution: 10V
Voltage accuracy	2% Reading + 5 dgt	
Voltage regulation rate	2% Reading + 5 V(From no load to full load)	2% Reading + 5 V
Output frequency	50Hz or 60Hz optional	\
Measuring current	0.001mA-20.00mA Resolution: 0.001 / 0.01	0.1μA-10.000mA
Max capacitive load	\	1μF < 1kV, 0.75μF < 2kV, 0.5μF < 3kV, 0.08μF < 4kV, 0.04μF < 6kV
Current accuracy	2% Reading + 5 dgt	
Voltage rise time	0.4s-999.9s	
Voltage test time	0.5s-999.9s	
Voltage drop time	0.1s-999.9s, OFF	

Insulation Resistance	
Rated output	2500Vdc/50GΩ
DC voltage output	Range （50 ~ 2500） Vdc, Resolution: 1V, accuracy: ± (2%) × Set value+5V)
DC voltage measurement	Range （50 ~ 2500） Vdc, Resolution: 10V, accuracy: ± (2%) × Set value+5V)
Voltage drop	Not less than 90% of the rated voltage,
Insulation resistance measurement	Range （1MΩ ~50GΩ） MΩ, Resolution:1MΩ
Discharge time	≤200ms
Charging lower limit current	（0~3.500）μA, Auto, manual
Accessories	ATL900E high-voltage testing line ; ATL108 RS232 communication cable ;DB9-handler ; Power cable ;
Options	*ATL900-E high-voltage test rod ; LAN port connection cable*