

AT 9220 / 9220A

9210 / 9210A

AC/DC HIPOT TESTER

Smart Touch

CHINESE/ENGLISH
OPERATION270 (W) * 130 (H) * 450 (D)
UNIT: mm

Weight: 8kg

Rated output AC: 0.050kV-5.000KV
Rated output DC: 0.050kV-6.000kV

- DC fast discharge
- Electric shock protection;
- Arc detection function

The AT9210/20 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.

Small size, light weight (8kg), ultra-high cost-effectiveness, and convenient operation. The AT9210/20 series insulation and voltage withstand tester can be widely used for safety performance inspection of household appliances, transformers, electrical equipment, and components. This 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



Power Supply 110VAC~242VAC 47Hz~63Hz
Power: maximum 300VA

improving production efficiency.

MODEL AT9210/A AT9220/A

WITHSTAND VOLTAGE TEST

Rated Output	AC	0.050kV-5.000KV; Resolution 0.001 (1V); $\pm (2\% \times \text{reading} + 5\text{dgt})$ 50Hz or 60Hz Output waveform: sine wave, distortion less than 3% (pure resistive load)
	DC	0.050kV-6.000kV; Resolution 0.001 (1V); $\pm (2\% \times \text{reading} + 5\text{dgt})$
	Voltage regulation	$\pm (2\% \times \text{reading} + 5V)$ (From no load to full load)
Current Test	AC	AT9210/A 0.001mA-10.00mA; (Resolution 0.001 / 0.01); accuracy $\pm (2\% \times \text{reading} + 5\text{dgt})$ AT9220/A 0.001mA-20.00mA; (Resolution 0.001 / 0.01); accuracy $\pm (2\% \times \text{reading} + 5\text{dgt})$
	DC	AT9210/A 0.1 μ A-5.00mA; (Resolution 0.1/0.01); accuracy $\pm (2\% \times \text{reading} + 5\text{dgt})$ AT9220/A 0.1 μ A-10.00mA; (Resolution 0.1/0.01); accuracy $\pm (2\% \times \text{reading} + 5\text{dgt})$

INSULATION RESISTANCE TEST (AT9210/9220 ONLY)

Rated Output	1kV / 10G Ω	
Output Voltage	0.050kV-1.000kV; Resolution 0.001 (1V); accuracy $\pm (1\% \times \text{reading} + 2\text{dgt})$	
Range	0.02M Ω -10G Ω	
Resistance Accuracy	$\geq 500V$	< 500V
	1M Ω -1G $\Omega \pm (5\% \text{reading} + 5\text{dgt})$	0.1M Ω -1G $\Omega \pm (10\% \text{reading} + 5\text{dgt})$
	1G Ω -10G $\Omega \pm (10\% \text{reading} + 5\text{dgt})$	1G Ω -10G Ω (For reference only, no accuracy requirement)
Discharge function	discharge after testing	
ARC Detector	Level 1-9 (AC/DC), factory default is 5	
Voltage rise time	0.1s-999.9s	
Voltage test time	0.1s-999.9s	
Voltage drop time	0.1s-999.9s	
Interface	Handler (PLC)、RS232C、USB	
Accessories	ATL900E high-voltage testing line; ATL900-E high-voltage test rod; ATL108 RS232 communication cable;	