

AT9600

Smart Touch

GROUND RESISTANCE METER

CHINESE/ENGLISH
OPERATION

250 (W) * 120 (H) * 320 (D)
UNIT: mm

Weight: 10kg

Provide grounding test current of 40A AC

4-terminal testing method to eliminate lead interference

The AT9600 AC grounding resistance tester is an instrument used to measure the grounding impedance inside electrical equipment or between electrical equipment and the grounding grid, with a maximum output of 40A AC current.

The AT9600 AC grounding resistance tester can be widely used for checking the grounding performance of household appliances, transformers, electrical equipment, etc. This instrument is equipped with a Handler interface (PLC interface) RS232C, which facilitates data communication and remote control with a PC, meeting the requirements of automated testing and improving production efficiency.

- Current closed-loop control, precise output current
- High precision A/D converter for precise testing
- The D/A converter generates a 50Hz/60Hz test sine wave



Power Supply 198VAC~242VAC 50Hz~60Hz Power: maximum 300VA

AT9600 APPLICATION OCCASIONS

- Measurement of protective grounding resistance of instruments and equipment
- Inspection of grounding connections of electrical working equipment and distribution cabinets
- Evaluation of high current flow situations
- Inspection of protective grounding and equipotential grounding engineering for medical equipment

MODEL AT9600

| | | | |
|----------------------------------|--|---------------------------------|---|
| Measurement function | AC 4-terminal grounding resistance | Voltage measurement | AC 0V ~ 6V |
| Display | 5-inch TFT screen/grounding impedance Output current test time synchronization display | Measurement time display | Countdown display or infinite time measurement |
| Set Current | AC 5A ~ 40A, Accuracy $\pm (2\% \times \text{Reading} + 5 \text{ words})$, resolution 0.1A | Timer Set | 0 ~ 999.9s Countdown Turn off the countdown function |
| Frequency of occurrence | 50Hz or 60Hz Sine wave (can be set) | Comparator | Upper and lower limit audible and visual alarms |
| Max output power | 160VA | Interface | RS-232 (SCPI or MODBUS) / Handler |
| Open circuit port voltage | Less than 6VAC | Fuses | 250V 5A slow melting |
| Resistance measurement | 0~600mΩ Accuracy $\pm (2\% \times \text{Reading value} + 5 \text{ words})$ Resolution 0.1 mΩ | Accessories | ATL900A Test clamp ATL 108 RS232 communication cable |