

AT 6820 INSULATION RESISTANCE METER

CHINESE/ENGLISH
OPERATION

264 (W) * 107 (H) * 307 (D)
UNIT: mm

Weight: 4kg

High-speed automatic discharge function

Quickly end battery discharge

Quick determination of insulation resistance inspection in as little as 50ms

- Contact check function
- Freely set test voltage
- Short-circuit check function

The AT6820 insulation resistance tester is a micro desktop instrument controlled by a high-performance ARM microprocessor for fully automatic real-time detection. The instrument adopts a full color LCD display screen, a full digital keyboard, and is paired with the applent instrument operating system to make the display clearer and operation more convenient.



■ Power Supply 100VAC~240VAC 50/60Hz Power: maximum 30VA

The instrument is equipped with a 10V~1000V voltage source with a 1V resolution, which can be programmed and output at will; The instrument has an insulation resistance accuracy of 2% and a measurement range of up to 10G Ω . With a reading of 9999, the measurement speed can reach 30 times/second. It can store 10 sets of settings internally, and external USB disks can also store 10 sets of settings, making it convenient to call different specifications.

Built in comparator, the results of the comparator can be output through the Handler interface. Unique list scanning function, capable of programming 5 different voltages for insulation resistance scanning measurement, and outputting 5 comparison results through HANDLER. Standard configuration includes USB-232 interface, RS-232 interface, RS-485 interface, and supports Modbus RTU protocol, making communication with PLC very convenient.

MODEL AT6820

| | | | |
|--------------------------|--|------------------------|--|
| Parameters | insulation resistance | Calibration | open -circuit zero-adjust for all range |
| Output voltage | numerical control 10V ~ 1000VDC | | |
| Accuracy | 2% | | |
| Measurement range | 0.000M ~ 9.99G Ω | | |
| Display | 9999 | | |
| Range | auto, manual and nominal | | |
| Display result | show, current, resistance, peak value & sorting result | Comparator | OK NG LO NG HI |
| Speed | <p>Automatic range mode</p> <p>*Close due to poor contact* Slow: 2 t/s ; Medium:13 t/s ; Fast:18 t/s</p> <p>*Open due to poor contact* Slow: 1.9 t/s; Medium:11 t/s ; Fast:15 t/s</p> <p>Manual range mode</p> <p>*Close due to poor contact* Slow: 2.2 t/s ; Medium:18 t/s ; Fast:29 t/s</p> <p>*Open due to poor contact* Slow: 2 t/s; Medium:15 t/s ; Fast:22 t/s</p> | Contact checker | CC.HL: HIGH/LOW bad contact CC.H: HIGH bad contact CC.L: LOW bad contact |
| | | Interface | Handler, RS232, USB, RS485 |
| | | Others | LCD3.5 inch display |
| | | Accessories | ATL507 three-terminal test clip ATL108 RS232 communication cable |