AT 683/682 INSULATION RESISTANCE METER

VFD DISPLAY
264 (W) * 107 (H) * 350 (D)
UNIT: mm

Weight: 5kg

Measuring range
100kΩ~10TΩ

- VFD display
- With automatic equipment interface

AT682/683 is an insulation resistance tester controlled by a high-performance microprocessor. Unique insulation resistance and leakage current testing and display simultaneously, six range testing, allowing insulation resistance measurement range to reach 10kΩ~1T Ω (AT682) and 100K~10T Ω (AT683), with a maximum display of 9999 digits. The testing speed can reach 55 times/second, and ultra high speed testing provides the best solution for automated production.



Power Supply 198VAC-242VAC 47.5-52.5Hz Power: maximum 30VA

The instrument has sorting function. and sorting sound settings. It can also be equipped with a Handler interface for automatic sorting systems to complete fully automatic pipeline testing and equipped with RS232C interface for remote control and data acquisition and analysis.

AT682/683 can measure the insulation resistance of various electronic components, equipment, individual materials, wires and cables, etc.

MODEL	AT683	AT682
Parameters	Leakage current & insulation resistance	
Output voltage	numerical control 1V ~ 1000VDC	
Voltage accuracy	<10V : 10% ≥10V : 1%	
Measurement range	100kΩ~10TΩ(10^5~10^{13}Ω) ; 10V:100kΩ~100GΩ 100V: 1MΩ~1TΩ; 1000V: 10MΩ~10TΩ	10kΩ~1TΩ (10^4~10^{12}Ω) ; 10V: 10kΩ~10GΩ 100V: 100kΩ~100GΩ ; 1000V: 1MΩ~1000GΩ
Accuracy	**Slow range resistance:** <1M: 5% ≥1M: 1% ≥1G: 3% ≥10G: 5% ≥1T: 10%	Slow range resistance: <1M: 5% ≥1M: 1% ≥1G: 3% ≥10G: 5%
Dispaly	Slow: 9999 , Fast&Medium : 1999	
Range	6range auto ,manual	
Test speed	Fast 55 t/s , Medium 25 t/s , Slow 3 t/s	
Trigger	internal, manual , external and remote	
Display result	show、current、resistance、peak value& sorting result	
Calibration	open-circuit zero -adjust for all range	
Charging timer	999.9s	
Comparator	30 sets recor, OK/NG ; beep: OK、NG、off set	
Interface	RS-232C 、Handler	
Other	VFD display, keypad lock and data hold function	
Accessories	ATL507 three-terminal test clip ; ATL108 RS232 communication cable	