AT 688 INSULATION RESISTANCE METER

CHINESE/ENGLISH OPERATION
264 (W) * 107 (H) * 350 (D)
UNIT: mm
Weight: 5kg

Measuring range 100kΩ~10TΩ

- **Output voltage（1.0VDC ~ 1000VDC）**
- **3.5 inch LCD display**
- **with automatic equipment interface**
- **Leakage current & insulation resistance Display**

AT688 is an insulation resistance tester controlled by a high-performance ARM processor. The unique insulation resistance and leakage current are tested and displayed simultaneously, with six range testing, allowing the insulation resistance measurement range to reach 100kΩ~10TΩ, with a maximum display number of 9999 digits. The testing speed can reach 55 times/second, and ultra high speed testing provides the best solution for automated production.

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 , data acquisition and analysis.

Power Supply 198VAC-242VAC 50/60Hz Power: maximum 30VA

AT688 can measure the insulation resistance of various electronic components, equipment, dielectric materials, wires and cables, etc.

MODEL	AT688
Parameters	Leakage current & insulation resistance
Output voltage	Numerical control 1V ~ 1000VDC
Voltage accuracy	<10V :10% >10V +1%
Accuracy	<10G: 3% ≥ 10G: 5% ≥ 100 G : 10%
Test range	100kΩ-10TΩ(10^5 ~10^{13}Ω)
Precision	Slow range resistance: <1M:±5% >1M:±1% >1G: ±3% >10G:±5% >1T: ±10%
Display	9999
Range	auto & manual
Test speed	Fast 55 t/s , Medium 25 t/s , Slow3 t/s
Calibration	open -circuit zero-reset for all range
Display result	voltage ; current ; resistance and sorting result
charging timer	999.9s
Comparator	Output PASS, LOWER,UPPER
Trigger	internal, manual , external and remote
Beep	OK/NG beep: OK、NG、OFF set up
Interface	RS-232C Handler USB
Others	LCD display The timer can be set to count and count down
Accessories	ATL507 Test clip ; ATL108 RS232 communication cable