ATS-2000

FAST • SAFE • RELIABLE



MULTI POINT HIPOT AND CONTINUITY TESTER

Features

The ATS-2000 series is a complete automated Hipot and Continuity test system designed for all applications requiring multiple test points. Cable harnesses, printed circuit boards, connectors, transformers, and motors are just a few of the products quickly and easily tested.

- ***MULTIPLE TEST POINTS*** *- Capable of testing up to 2000 test points at speeds of up to 10ms per point.*
- ***HIGH VOLTAGE HIPOT / ISOLATION TESTS*** *- Adjustable output voltages available in ranges from: 0-500 VDC; 0-1000VDC; 0-250 VAC/VDC; 0-1000VAC/0-1500 VDC; 0-3000VAC/0-5000VDC.*
- ***CONTINUITY TESTS*** *- Test current of 10mA (typical) with user-programmable high- and low-resistance PASS/FAIL set points. Custom test currents available; please consult factory.*
- ***USER FRIENDLY SOFTWARE*** *- Simple windows-based software allows users to configure, label and save test set-ups in any combination of continuity and/or Hipot tests. The system also has a self-learn feature that easily sets up tests from a sample assembly. The data collection software immediately identifies failure location(s) simplifying the trouble shooting process. The software also allows you save and print information such as test results, failure location, customer, operator and date.*
- ***EASY SYSTEM CONFIGURATION*** *- The ATS-2000 Series Testers include a tower computer with operation software pre-installed and a standard 19" rack mount main chassis with capacity to install up to 12 relay boards. Relay boards are available with either 8, 16, or 32 outputs. Depending on your output voltage requirements, the main chassis can be configured for a maximum or 384 test points. Additional expansion chassis can accommodate up to 18 relay boards each.*

COMPLIANCE WEST USA
CALL (800) 748-6224

MADE WITH PRIDE IN THE U.S.A.

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DIELECTRIC WITHSTAND TEST

Output (model dependent):	0-500 VDC; 0-1000 VDC; 0-250 VAC/VDC; 0-1000 VAC/0-1500VDC 0-3000 VAC/0-5000 VDC. Adjustable in 10 volt steps.
Leakage Current Limit:	20mA max on AC models; 5mA max on DC models (Actual current limits are model dependant. Consult factory for standards configurations.)
Test Time:	Adjustable from 10ms to 130 seconds
Voltage Ramp Time:	Adjustable from 0-5 seconds

CONTINUITY TEST

Voltage:	Less than 8 Volts, 10mA test current (typical)
Resistance:	Adjustable scale and PASS/FAIL thresholds, 3% or better accuracy (typical)

ENVIRONMENTAL

Operating Temperature:	15-40°C
Relative Humidity Range:	0-90% non-condensing

GENERAL

Input Power Requirements:	114-127 volts, 50/60 Hz
Dimensions:	Standard rack mount chassis: 19”(W) x 5.25”(H) x 15”(L)

AVAILABLE RELAY BOARDS

8-Channel, 2 form C mechanical relays, rated 1000VAC/1500VDC

8-Channel, 1 form A mechanical relays, rated 3000VAC/5000VDC

16-Channel, 1 form C mechanical relays, rated 250VAC/300VDC

32-Channel, Solid State relays, rated 1000VDC

Additional configuations are available. Please contact the factory for details.

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