

Hipot Function Tester

HTT-1S

FAST

SAFE

RELIABLE



HIPOT & GROUND CONTINUITY FUNCTION TESTER

Designed to provide a fast, safe and reliable method of testing the **S** series of Hipot and Ground Continuity test equipment. Saves quality assurance and manufacturing personnel time and reduces the potentially dangerous risks associated with other testing methods.

Features

- Quickly and easy proves function of the **S** series of Hipot and Ground Continuity Tester, including High Current models delivering up to 30 amps.
- Provide compliance to:
 - CCA-201 Sections: 5.4 Quality Control & Production Verification Test 7.2 Functional Test.
 - CCA-202 MC6-C Inspection form section C3.4.
 - CCA-204 section B.6.2.
- Verifies operation of your test equipment before each shift or before testing of large production runs, ensuring quality standards are being met.
- Simulates Ground Continuity passing condition with 0.025 ohm; failing conditions with 0.1 ohm. Leakage Current passing/failing conditions and Dielectric Withstand passing/failing conditions.
- ARC view window allows visual verification of the Hipot breakdown/failure.
- Custom configuration allows you to specify your required Dielectric withstand voltage failure level.
- Small footprint and lightweight.
- No batteries or power required – operates from voltage generated by tester.
- Simple to set-up and operate.
- Ergonomically designed for safety, speed and efficiency.
- 3 switches for enabling verification tests.
- Custom test leads available.
- One year warranty.

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Specifications

Maximum Current capability of Voltage test circuits:	3000Vac / 4200Vdc
Setting of Arc Detection Circuit:	Arc-over at 750V ± 400Vac / 1050V ± 560Vdc.
Setting of PASS for Leakage Current:	Open Circuit
Setting of FAIL for Leakage Current:	Short Circuit
Maximum Current capability of Ground test circuit:	30 Amps
Setting of PASS for Ground Circuit:	0.025 ohm resistance*.
Setting of FAIL for Ground Circuit:	0.1 ohm resistance*.

***Note:** Connection resistance to your ground bond equipment can add up to 0.03Ω to the actual test value.

Environmental

Operation Temperature:	15 - 40 °C
Relative Humidity Range:	0 - 90 % Non-Condensing

General

Dimensions:	5.3 in Wide x 6.8 in High x 2.3 in Deep
Weight:	2 lbs
Product Package:	HTT-1S HTT-1S Product Manual 18 AWG Test Lead (Black) NIST Traceable Calibration Certificate to ANSI Z540