

**NEW!**

The revolutionary  
HTT-1 Function Checker is  
the first of its kind for  
product safety testing.  
Patent Pending

**FAST • SAFE • RELIABLE**

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



## **HTT-1 HIPOT & GROUND CONTINUITY FUNCTION TESTER**

### **Features**

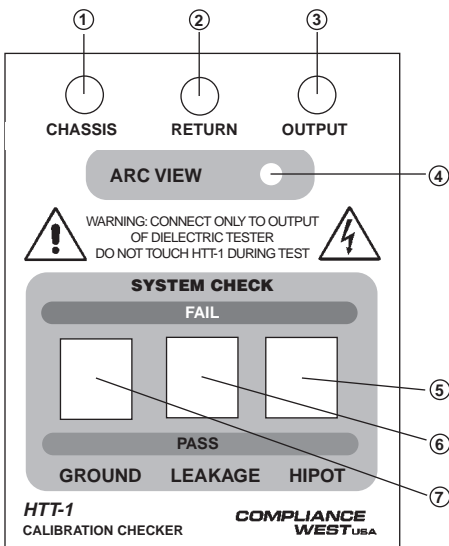
- Quickly and easily proves function of any Hipot and Ground Continuity Tester, including High Current models delivering up to 30 amps.
- Provides compliance to:
  - CCA-201 sections: 5.4 Quality Control & Production Verification Test 7.2 Functional Test
  - CCA-202 MC6-C Inspection form section C3.4
  - 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/failing conditions
  - Leakage Current passing/failing conditions
  - Dielectric Withstand passing/failing conditions.
- 3 switches for enabling verification tests.
- ARC view window allows visual verification of the Hipot breakdown/failure.
- Custom configurations allow you to specify:
  - Ground continuity pass and fail levels (ohms)
  - Leakage limits pass and fail (mA)
  - Dielectric withstand failure level (volts)
- Portable, lightweight. Measures 5.3 x 6.8 x 2.3 inches.
- No batteries or power required - operates from voltage generated by tester.
- Simple to set-up and operate.
- Ergonomically designed for safety, speed and efficiency.
- Custom test leads available.
- No calibration required.

# HTT-1



## ELECTRICAL

Maximum current capability of GROUND test circuit:	30 Amps
Setting of PASS for Ground Circuit:	0 ohm
Setting of FAIL for Ground Circuit:	open circuit
Setting of PASS for Leakage Current:	open circuit
Setting of FAIL for Leakage Current:	short -circuit
Maximum voltage capability of HIPOT test circuit:	3000 V
Setting of PASS for HIPOT test:	open circuit
Setting of FAIL for HIPOT test:	arc-over at 750 V+/- 200 V



Item	Name	Function
1	Chassis Banana Receptacle	Connected to the ground or chassis lead on the Hipot or Ground Continuity tester; which is normally connected to ground.
2	Return Banana Receptacle	Connected to the return lead on the Hipot or Ground Continuity tester; which is normally connected to dead metal parts of the equipment undergoing the test.
3	Output Banana Receptacle	Connected to high voltage output of the Hipot tester being checked. If a Ground Continuity tester is being checked, there is no connection to this receptacle.
4	Arc View	When Dielectric Breakdown function is being checked, a spark will visually demonstrate the breakdown occurred.
5	Hipot Test Switch	When set to FAIL, a dielectric breakdown will be simulated and a spark can be seen in the arc view window. When set to PASS, a normal passing result will be simulated.
6	Leakage Test Switch	Used for Dielectric Testers only. When set to FAIL, an excess leakage condition is simulated and the tester should stop testing and indicate a failure. When set to PASS, a normal passing result is simulated.
7	Ground Test Switch	When set to FAIL, an open ground is simulated and the tester should stop testing and indicate a failure. When set to PASS, a normal passing result is simulated.

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