



# HI-Pot Testing

DXA-2120 Professional Amplifier



Always Follow all Safety  
Guidelines When  
Performing Any HI-POT  
Testing!!!!!!!!!!!!!!



If There Are Any Questions  
Concerning Hi-Pot Testing,  
Hi-Pot Settings, or  
Procedures Please Refer to  
the Corporate HI-POT  
Procedure  
OP119939

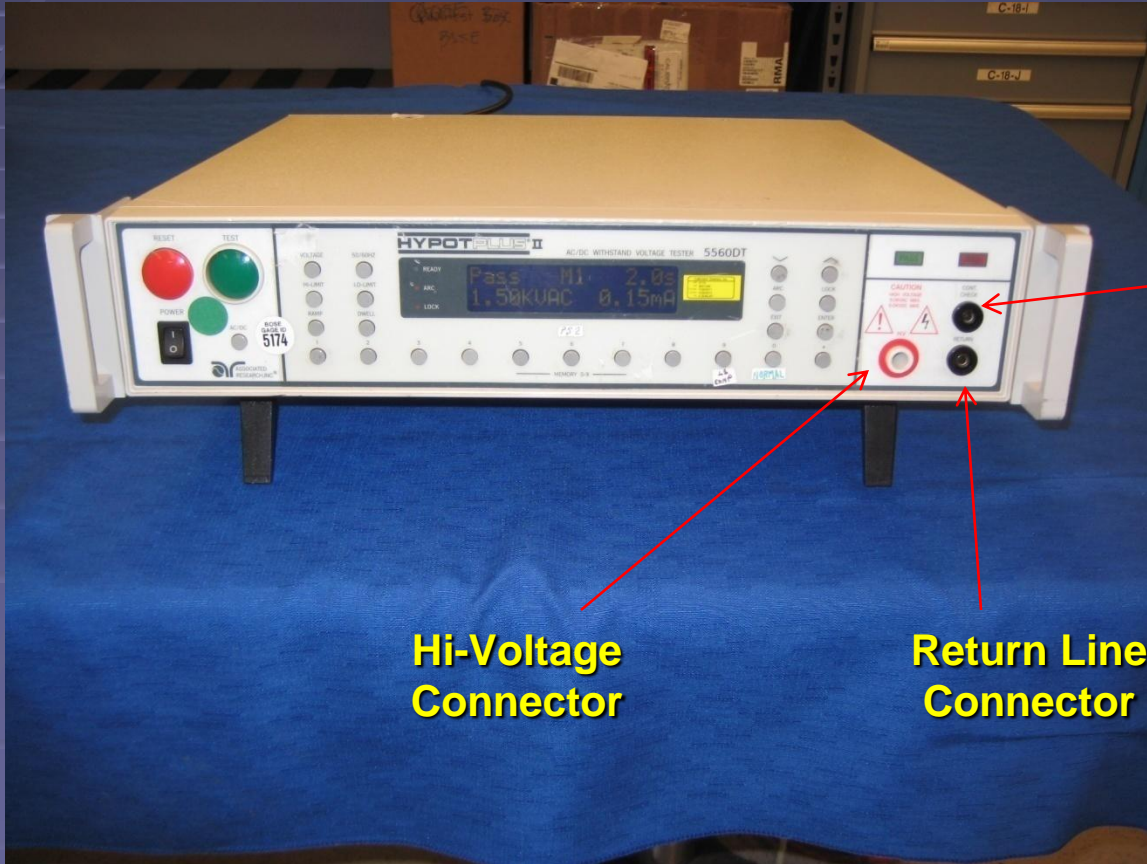


Always Verify That The Hi-Pot Tester Has Been Checked For Proper Operation **AND** The Daily Log Has Been Signed Off Before Starting Test.

# Hi-Pot Common Equipment

1. Hi-Pot Tester
2. Hi-Pot Break-Out Box
  - Has harness for Hi-Voltage and return lines to connect to the Hi-Pot tester (keyed connectors)
  - Has feed-thru connector for return line to connect to UUT
3. AC Cord
  - To connect between break-out box and UUT
4. Return Cable (return and continuity cable are the same)
5. Continuity Cable (return and continuity cable are the same)

# Hi-Pot Common Equipment



**Continuity  
Connector**

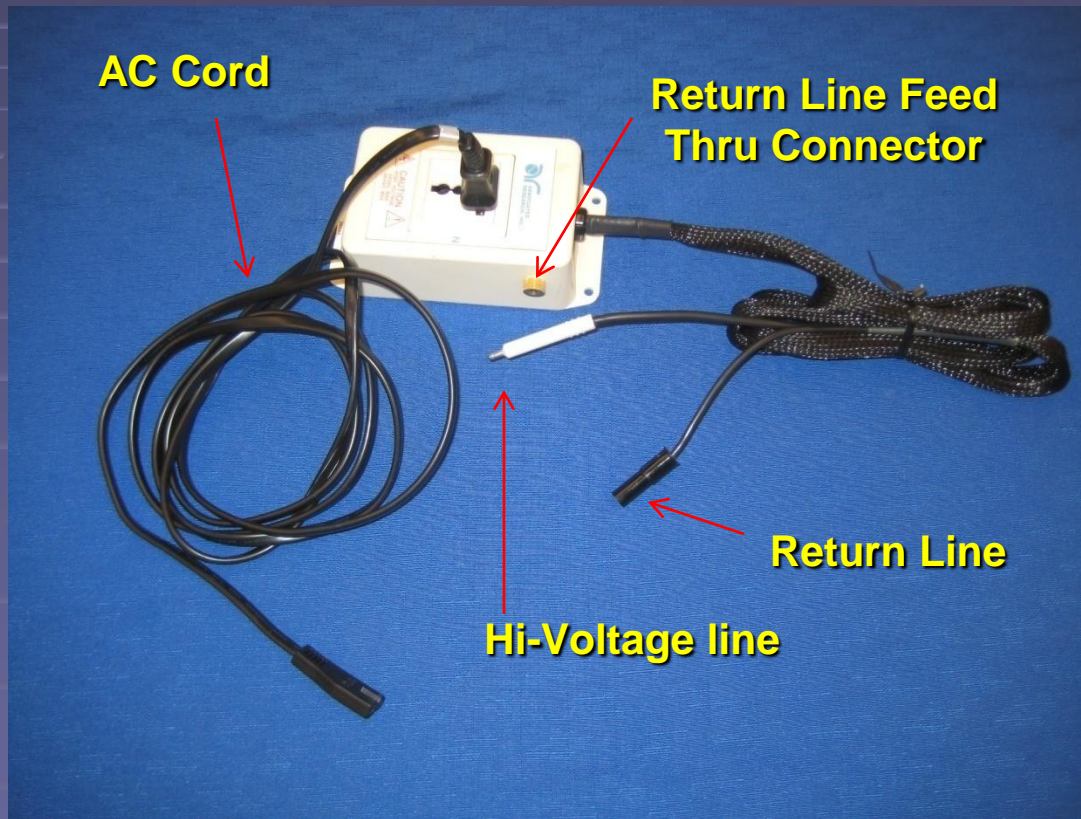
**Hi-Voltage  
Connector**

**Return Line  
Connector**

**Hi-Pot Tester**



# Hi-Pot Common Equipment



Break out Box with  
AC Cord attached

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## Hi-Pot Common Equipment



Continuity/Return Cable

Return/Continuity Line Connector

To Product Specific Adapter Cable

Continuity/Return Cable (2 needed)



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## Hi-Pot Common Equipment



- **Continuity/Return Cable (2 needed)**

- When using this cable for the continuity connection it will connect directly to the Hi-Pot continuity connector and directly to the UUT via the adapter cable

- When using this cable for the return connection it will connect to the return feed-thru connector on the Break-Out Box then to the UUT via the adapter cable

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# Hi-Pot Product Specific Equipment

There are no adapter cables  
needed for the DXA-2120

You use the common cables for  
return and continuity

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## Hi-Pot Complete Setup Ready For Testing

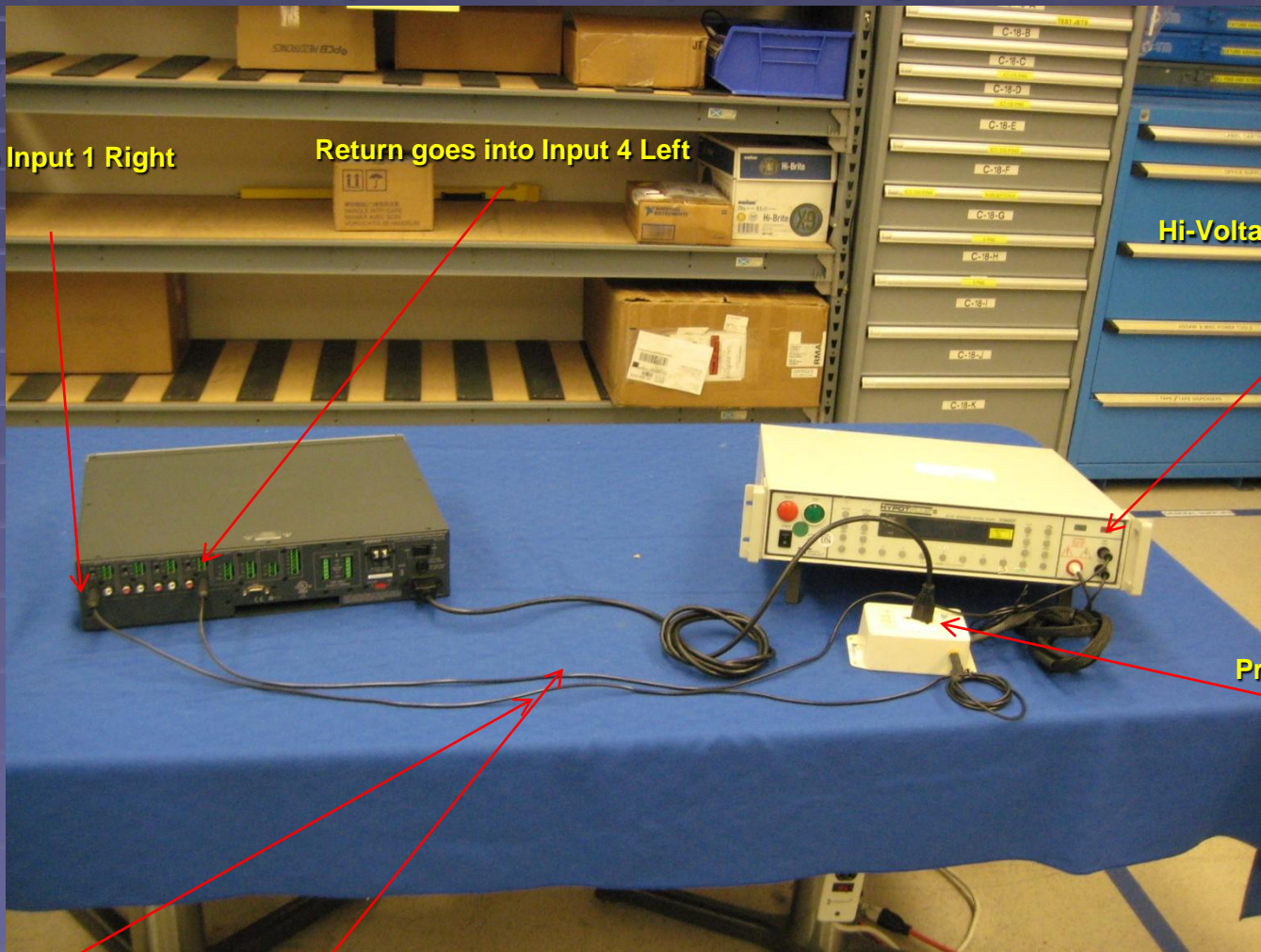
Cont goes into Input 1 Right

Return goes into Input 4 Left

Hi-Voltage/Return/Continuity connections

Product AC Cord

Continuity/Return Cables with Adapters



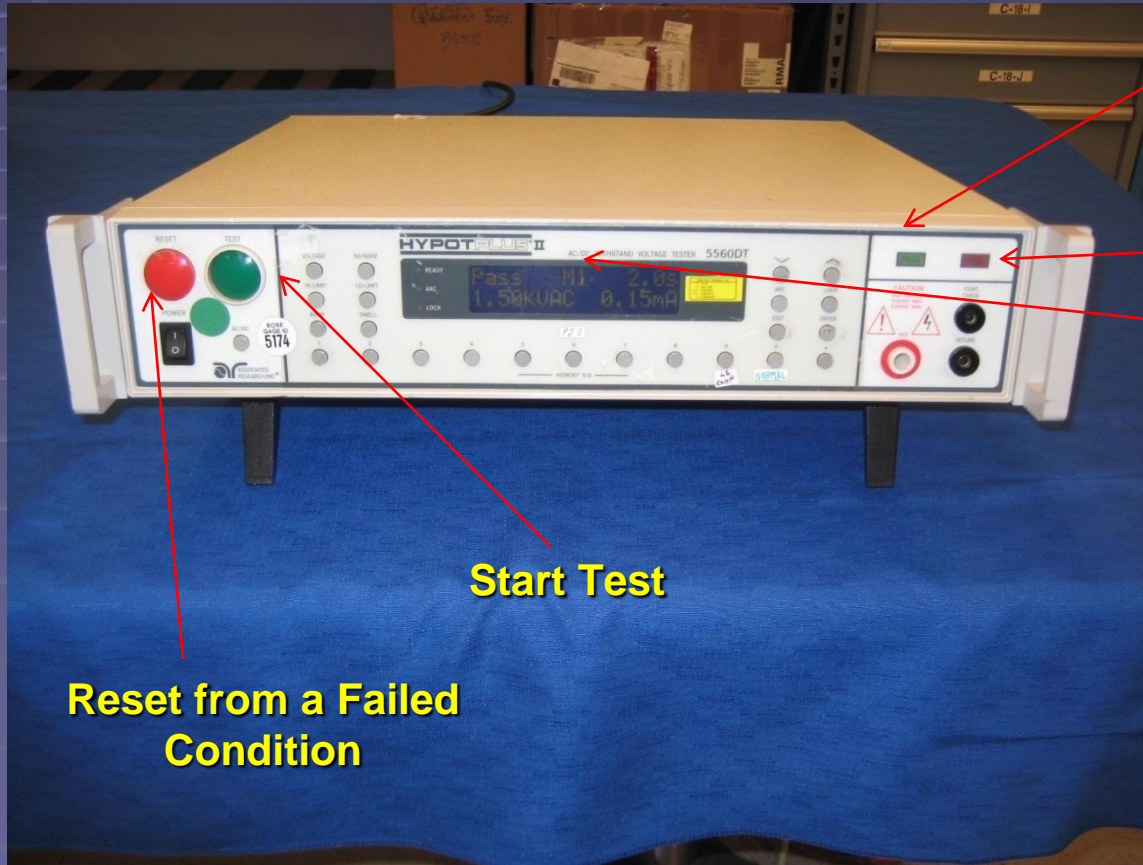
# Hi-Pot Starting Test

## 1. Start Test

- Once All Connections Have Been Made You Can Initiate The Test
- To Initiate Test Press the Green Start Button On the Front of the Hi-Pot Tester
- The Tests Will Take Approximately 5 seconds to complete



# Hi-Pot Common Equipment



Pass Indicator

Fail Indicator

Display

Start Test

Reset from a Failed  
Condition

Hi-Pot Tester

# Hi-Pot Test Results Pass or Fail

- ❖ Passed Test
  - If the test passes you will observe a PASS displayed on the front panel and the **GREEN** pass indicator light will illuminate on the Front Right of the Hi-Pot tester
- ❖ Failed Test
  - If the test fails you will observe a Fail displayed on the front panel and the **RED** fail indicator light will illuminate on the Front Right of the Hi-Pot tester
  - The Hi-Pot tester will also emit a High Pitched alert tone
    - This alert tone will run continuous until reset by pressing the RED reset button on the front left of the Hi-Pot tester

# Handling of Passed Units

## ❖ Passed Test

- If the Hi-Pot test passes the unit may continue to the next step in your process

# Handling of Failed Units

## ❖ Failed Test !!!!

- **ALL UNITS THAT FAIL HI-POT TESTING MUST BE SENT TO A QUALIFIED REPAIR TECHNICIAN FOR ANALYSIS AND/OR REPAIR.**
- **ALL UNITS THAT HAVE BEEN SENT TO ANALYSIS / REPAIR MUST BE RE-TESTED**
- **IF A UNIT FAILS HIPOT TESTING IT IS CONSIDERED A POTENTIAL SAFETY HAZARD AND MUST BE HANDLED ACCORDINGLY. IN NO CIRCUMSTANCES MUST THIS UNIT BE ALLOWED TO PROCEED IN THE PROCESS.**



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END