



07-024A  
7 December 2007

**CHANGES TO THE TELEDYNE API IN-HOUSE OZONE GENERATOR TEST FIXTURE**

**I. PURPOSE:**

To provide Teledyne API's customers with information on the changes to Teledyne API's internal ozone generator test fixture.

**II. TOOLS:**

None

**III. PARTS:**

None



The electronics used in T-API analyzers are sensitive to Electrostatic Discharge (ESD). When working on any T-API device, please ensure that you are properly grounded prior to handling or touching any electronic circuitry in the analyzers! For more information on how to protect sensitive components from ESD during handling, please contact T-API customer service and ask for the ESD Service note number 03-022A.

**IV. INFORMATION:**

- This note is to inform Teledyne API's customers of the changes that Teledyne API has implemented to the In-House Ozone Generator Test Fixture.
- Previously, ozone generators were tested by adjusting the VR1 potentiometer while monitoring the voltage between TP4 and TP5 of the ozone generator driver board.
- They have since removed the Power Supply from the driver boards and have added a 0.1 load resistor to each of the power cables going to the ozone

Changes to the Teledyne API In-House Ozone Generator Test Fixture

07-024 Rev A

Page 1 of 2

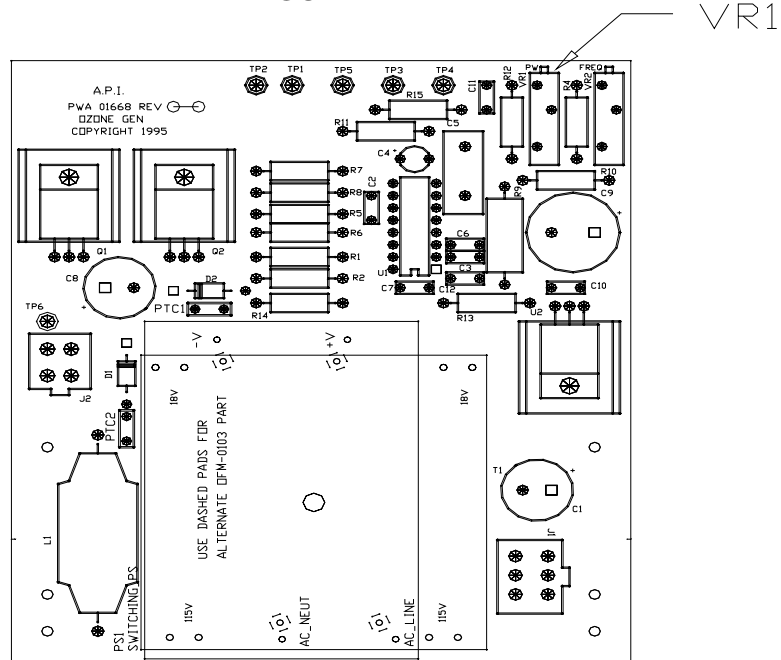
generator. The control voltage is still adjusted using VR1 and is measured across on TP4 and TP5.

- The ozone generator test procedure has been updated to reflect these changes to the test fixture.
- This was implemented in mid June 2007 starting with Model M200E S/N 1921.

If you are having problems with ozone production in your instrument, please do the following;

- Adjust VR1 located on the ozone generator driver board clockwise two (2) full turns. Refer to FIGURE 1 below for the VR1 location. VR1 may also be called PW on some boards.

FIGURE 1



- If the problem persists, you will need to replace the Ozone Generator Assembly.
- If you have any questions regarding this service note, please contact our customer service department at [api-customerservice@teledyne.com](mailto:api-customerservice@teledyne.com).