



04-023B  
2 May, 2007

## **NEW TEC DRIVER BOARD**

**I. PURPOSE:**

This is an information only service note. This service note is to inform the customer of a new TEC Driver board that can be used in both the A and E series analyzers. This service note only pertains to the SO<sub>2</sub> and NO<sub>x</sub> analyzers that use the TEC Driver board.

**II. TOOLS:**

N/A

**III. PARTS:**

049310000



**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.**

This Service Note has been written to inform customers that a new Thermal Electric Cooler (TEC) driver board has been developed by Teledyne API. This driver board can be used in both the A Series and E Series generation of analyzers, specifically the UV Fluorescence and Chemiluminescence type instruments that contain a TEC driver board.

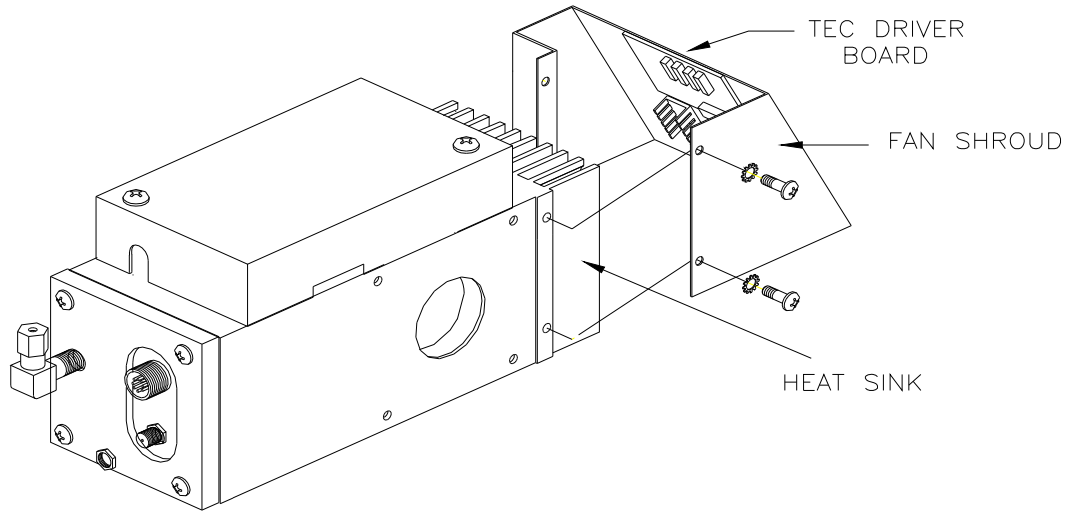
The new TEC driver board is installed in the same manner as the old TEC driver board. The new part number for the TEC driver board is 049310000. This driver board will mate with the preamps for SO<sub>x</sub> and NO<sub>x</sub> E series instruments and also with the SO<sub>x</sub> and NO<sub>x</sub> A series preamps that use the dual wire to connect from the preamp to the TEC driver board.

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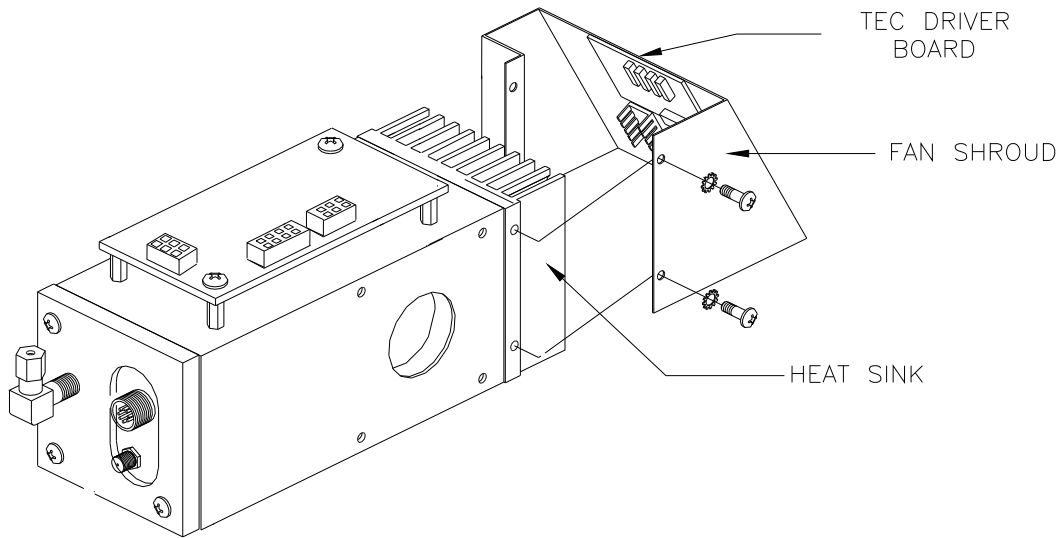
04-023 Rev B

Page 1 of 2

# A SERIES SENSOR



# E SERIES SENSOR



## NEW TEC DRIVER BOARD

04-023 Rev B

Page 2 of 2