



## Warranty/Repair Questionnaire Model 400A

<b>Customer:</b> <input style="width: 95%;" type="text"/>	<b>Contact Name:</b> <input style="width: 95%;" type="text"/>
<b>Phone #:</b> <input style="width: 95%;" type="text"/>	<b>E-Mail or Fax #:</b> <input style="width: 95%;" type="text"/>
<b>Serial #:</b> <input style="width: 95%;" type="text"/>	<b>Software Ver.:</b> <input style="width: 95%;" type="text"/>

**Describe the failure symptoms.**

**List all warning messages.**

**Test Values**

PARAMETER	OBSERVED VALUE	UNITS	NOMINAL RANGE
Range		PPB	100 - 20,000
Stabil		PPB	< 1
O <sub>3</sub> MEAS @ ZERO		mV	2500 - 4800
O <sub>3</sub> REF @ ZERO		mV	2500 - 4800
O <sub>3</sub> MEAS @ SPAN		mV	2500 - 4800
O <sub>3</sub> REF @ SPAN		mV	2500 - 4800
O <sub>3</sub> Gen.			0 - 5000
O <sub>3</sub> Drive			0 - 5000
VAC		In-Hg-A	10 - 13
Pressure		In-Hg-A	25 - 30
Sample Flow		CC/MIN.	800 ± 80
Sample Temp		Deg. C	20 - 45
Photo Lamp Temp		Deg. C	52 ± 1
O <sub>3</sub> Gen. Temp		Deg. C	48 ± 1
Orifice Temp		Deg. C	48 ± 1
Box Temp		Deg. C	Amb ± 5
DCPS			2500 ± 200
Slope			1.0 ± 0.2
Offset			0.0 ± 5.0
Time			HR:MN:SC

Measured flow (use a flow meter not the front panel)?

Is unit leak checked?	Yes	No
Will the unit allow you to SPAN (push the SPAN button)?	Yes	No
Will the unit allow you to ZERO (push the ZERO button)?	Yes	No

What are you using for a source of SPAN gas?

When was the last time your source was calibrated?

**Can you fax a portion of the strip chart pertaining to the problem? Circle pertinent data.**