



Warranty/Repair Questionnaire Model 100A

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

Describe the failure symptoms.

List all warning messages.

Test Values

PARAMETER	OBSERVED VALUE	UNITS	NOMINAL RANGE
Range		PPB	50 - 20,000
PRES		In-Hg-A	Ambient
Sample Flow		CC	650 ± 50
PMT		mV	0 - 4000
Norm@PMT		mV	0 - 4000
Lamp Ratio			35 - 120%
UV Lamp		mV	1000 - 4800
STR Light		PPB	<60 PPB
DRK PMT			< 100 mV
DRK LMP			< 50 mV
SO ₂ Slope			1.0 ± 0.3
SO ₂ Offset			<250
HVPS		VDC	450 - 900
DCPS		mV	2500 ± 200
PMT Volts at Zero		mV	(Range 500) <500
Stabil at Span			< 1.0
Stabil at Zero			< 1.0
Rx Cell Temp		Deg. C	50 ± 1
Box Temp		Deg. C	Ambient ± 5

PARAMETER	OBSERVED VALUE	UNITS	NOMINAL RANGE
PMT Temp		Deg. C	7 ± 1
IZS Temp		Deg. C	50 ± 1
AUTO	ON	OFF	
DYN	ON	OFF	
IZS	ON	OFF	
PMT Volts at Span		mV	(Range)
Span input		PPB	
Electric Test			
a) PMT Volts		mV	2000 ± 1000
b) PPB		PPB	
Optic Test			
a) PMT Volts		mV	2000 ± 1000
b) PPB		PPB	
If dual range or independent range is on:			
Slope #1			
Slope #2			
Offset #1			
Offset #2			

What is real sample flow? (Use flow meter to measure)

Is unit leak checked? Yes No

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