



Warranty/Repair Questionnaire Model 152

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.

Does Analyzer have a flow controller?	Yes	No	
What is measured sample flow @Rear Panel?	<input style="width: 200px;" type="text"/>		500 CC/MIN ± 100
What are the ranges of the analyzer?	<input style="width: 200px;" type="text"/>		Example .5, 1, 10
Is unit leak checked?	Yes	No	
What is the voltage @ TP-1 (mixer card) @ Zero?	<input style="width: 150px;" type="text"/>		VAC ≥ 220 MVAC
What is the voltage @ TP-24 (mixer card) @ SPAN?	<input style="width: 150px;" type="text"/>		VDC
What is the voltage @ TP-24 (mixer card) @ ZERO?	<input style="width: 150px;" type="text"/>		VDC
What is the voltage @ TP-25 (mixer card) @ ZERO?	<input style="width: 150px;" type="text"/>		VDC
What is the voltage @ TP-13 (control card)?	<input style="width: 150px;" type="text"/>		VDC (1.9 + 0.4)
What is the voltage @ TP-14 (control card)?	<input style="width: 150px;" type="text"/>		VDC (2.5 + 0.4)
What is the HVPS voltage @ Rear Panel? (J4 pin 1)	<input style="width: 150px;" type="text"/>		mV
What is the DCPS voltage @ Rear Panel? (J6 pin 8)	<input style="width: 150px;" type="text"/>		2.5 V ± 0.2 V

Electric Test

PMT Volt @ TP-24	<input style="width: 200px;" type="text"/>	(3000 mV ± 1000 mV)
Conc. Displayed on FP	<input style="width: 200px;" type="text"/>	

Optic Test

PMT Volt @ TP-24	<input style="width: 200px;" type="text"/>	(2000 mV ± 1000 mV)
Conc. Displayed on FP	<input style="width: 200px;" type="text"/>	
Is chopper motor spinning?	<input style="width: 200px;" type="text"/>	
What is voltage @ J6-9 (Rear Panel)?	<input style="width: 150px;" type="text"/>	(5 VDC ± 0.5 V)

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