

Warranty/Repair Questionnaire Model 201E

CUSTOMER: _____ PHONE: _____

CONTACT NAME: _____ FAX NO. _____

SITE ADDRESS: _____

MODEL 201E SERIAL NO.: _____ FIRMWARE REVISION: _____

1. ARE THERE ANY FAILURE MESSAGES? _____

PLEASE COMPLETE THE FOLLOWING TABLE: (NOTE: *DEPENDING ON OPTIONS INSTALLED, NOT ALL TEST PARAMETERS SHOWN BELOW WILL BE AVAILABLE IN YOUR INSTRUMENT*)

PARAMETER	RECORDED VALUE	ACCEPTABLE VALUE
RANGE	PPB/PPM	50 PPB TO 2,000 PPB
NH ₃ STAB	PPB/PPM	≤ 1 PPB WITH ZERO AIR
SAMPLE FLOW	cm ³	500 ± 50
OZONE FLOW	cm ³	80 ± 15
PMT SIGNAL WITH ZERO AIR	mV	-20 TO 150
PMT SIGNAL AT SPAN GAS CONC	mV PPB	0-5,000MV 0-20,000 PPB
NORM PMT SIGNAL AT SPAN GAS CONC	mV PPB	0-5,000MV 0-20,000PPB
AZERO	mV	-20 TO 150
HVPS	V	400 – 900
RCELL TEMP	°C	50 ± 1
BOX TEMP	°C	AMBIENT ± 5°C
PMT TEMP	°C	7 ± 2°C
BLOCK TEMP	°C	50 ± 1
MOLY TEMP	°C	315 ± 5°C
RCEL PRESS	IN-HG-A	<10
SAMP PRESS	IN-HG-A	3 to 5 < "AMBIENT ABSOLUTE
TNx SLOPE		1.0 ± 0.3
TNx OFFSET	mV	-50 TO 150
NOx SLOPE		1.0 ± 0.3
NOx OFFSET	mV	-50 TO 150
NO SLOPE		1.0 ± 0.3
NO OFFSET	mV	-50 TO 150
ETEST	PMT mV	2,000 ± 1,000
OTEST	PMT mV	2,000 ± 1,000
NH3 CONVERTER TEMP	°C	825 ± 5°C
Values are in the Signal I/O		
REF_4096_MV	mV	4096mv ±2mv and Must be Stable
REF_GND	mV	0± 0.5 and Must be Stable

TELEDYNE API CUSTOMER SERVICE
EMAIL: api-customerservice@teledyne.com

PHONE: (858) 657-9800 TOLL FREE: (800) 324-5190 FAX: (858) 657-9816

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2. WHAT IS THE RCELL & SAMPLE PRESSURES WITH THE SAMPLE INLET ON REAR OF MACHINE CAPPED?

RCELL PRESS - _____IN-HG-A SAMPLE PRESSURE - _____IN-HG-A

3. WHAT ARE THE FAILURE SYMPTOMS? _____

4. WHAT TEST HAVE YOU DONE TRYING TO SOLVE THE PROBLEM? _____

5. IF POSSIBLE, PLEASE INCLUDE A PORTION OF A STRIP CHART PERTAINING TO THE PROBLEM. CIRCLE PERTINENT DATA.

6. THANK YOU FOR PROVIDING THIS INFORMATION. YOUR ASSISTANCE ENABLES TELEDYNE API TO RESPOND FASTER TO THE PROBLEM THAT YOU ARE ENCOUNTERING.

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