

Appendix C
Warranty/Repair Questionnaire
T200H/M, M200EH/EM
(05149B DCN5798)



CUSTOMER: _____ PHONE: _____
CONTACT NAME: _____ FAX NO. _____
SITE ADDRESS: _____
MODEL TYPE: _____ SERIAL NO.: _____ FIRMWARE REVISION: _____

1. Are there any failure messages? _____

_____ (Continue on back if necessary)

PLEASE COMPLETE THE FOLLOWING TABLE:

TEST FUNCTION	RECORDED VALUE	UNITS	ACCEPTABLE VALUE
NOx 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	0-5000MV 0-5,000 PPM ¹ , 200 PPM ²
NORM PMT SIGNAL AT SPAN GAS CONC		MV PPB	0-5000MV 0-5,000 PPM ¹ , 200 PPM ²
AZERO		MV	-20 to 150
HVPS		V	400 to 900
RCELL TEMP		°C	50 ± 1
BOX TEMP		°C	AMBIENT ± 5°C
PMT TEMP		°C	7 ± 2°C
O ₂ CELL TEMP ³		°C	30°C to 70°C
IZS TEMP ³		°C	50 ± 1°C
MOLY TEMP		°C	315 ± 5°C
RCEL		IN-HG-A	<10
SAMP		IN-HG-A	AMBIENT ± 1
NOx SLOPE			1.0 ± 0.3
NOx OFFSET		mV	50 to 150
NO SLOPE			1.0 ± 0.3
NO OFFSET		mV	50 to 150
O ₂ SLOPE ³			0.5 to 2.0
O ₂ OFFSET ³		%	-10 to + 10
PMT SIGNAL DURING ETEST		MV	2000 ± 1000
PMT SIGNAL DURING OTEST		MV	2000 ± 1000
REF_4096_MV ⁴		MV	4096mv ±2mv and Must be Stable
REF_GND ⁴		MV	0± 0.5 and Must be Stable

¹ T200H, M200EH

² T200M, M200EM

³ If option is installed

⁴ Located in Signal I/O list under **DIAG** menu

TELEDYNE API CUSTOMER SERVICE
Email: api-customerservice@teledyne.com
PHONE: (858) 657-9800 TOLL FREE: (800) 324-5190 FAX: (858) 657-9816

