

Appendix C
Warranty/Repair Questionnaire
T101, M101E
 (05494D DCN5798)



TELEDYNE
 ADVANCED POLLUTION INSTRUMENTATION
 A Teledyne Technologies Company

Company: _____ Contact Name: _____

Phone Number: _____ Fax Number: _____ Email: _____

Site Address: _____

Can we connect to the instrument? If so, provide IP address or modem #: _____

Model Serial Number: _____ Firmware revision: _____

The serial number can be found on the back of the instrument, the firmware revision is displayed in the upper left corner of the display when pressing SETUP on the front panel (Example: C.3).

1. List all front panel error/warning messages: _____

2. Please complete the following table: (Depending on options installed, not all test parameters shown below may be available in your instrument)

PARAMETER	RECORDED VALUE	ACCEPTABLE VALUE	PARAMETER	RECORDED VALUE	ACCEPTABLE VALUE
RANGE	ppb/ppm	50 ppb - 20 ppm	SO2 SLOPE		1.0 ± 0.3
H2S STB	ppb	≤ 1 ppb with zero air	SO2 OFFS	mV	< 250
SAMP FL	cm ³ /min	600 ± 75	H2S SLOPE		
PRES	IN-HG-A	~5" < ambient	H2S OFFS	mV	< 250
PMT signal with zero air	mV	-20 to 150	HVPS	V	400-900
PMT signal at span gas conc	mV ppb/ppm	0-5000 0-20 000 ppb	RCELL TEMP	°C	50 ± 1
NORM PMT at span gas conc	mV ppb/ppm	0-5000 0-20 000 ppb	BOX TEMP	°C	Ambient + ~5
UV LAMP	mV	1000 to 4800	PMT TEMP	°C	7 ± 2
LAMP RATIO	%	30-120%	IZS TEMP	°C	50 ± 3
STR. LGT	ppm	≤ 100 ppb/ zero air	CONV TEMP	°C	315 ± 5
DARK PMT	mV	-50 to 200	ETEST (DIAG menu)	mV	2000 ± 1000
DARK LAMP	mV	-50 to 200	OTEST (DIAG menu)	mV	2000 ± 1000

3. Has the analyzer been checked for leaks? Yes No For proper flows? Yes No

4. What are the failure symptoms? _____

_____ Continue on back if necessary

5. Which tests have you done trying to solve the problem? _____

_____ Continue on back if necessary

6. If possible, fax a portion of a strip chart or email a data file to customer service.

You can access and submit an online version of this form at <http://www.teledyne-api.com/forms/p-fm101e.asp>

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