

Appendix C
Warranty/Repair Questionnaire
T360, M360E
(05235C DCN5798)



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

1. Are there any failure messages? _____

Please complete the following table:

PARAMETER	DISPLAYED AS	OBSERVED VALUE	UNITS	NOMINAL RANGE
Range	RANGE		PPM	0 -10, 0 - 2000 Ppm
Stability	STABIL		PPM	≤ 0.15 Ppm With Zero Air
CO ₂ Measure	CO2 MEAS		mV	3600 – 4800 Mv
CO ₂ Reference	CO2 REF		mV	1400 – 2000 Mv
Measure/Reference Ratio	MR RATIO			2.5 ± 0.02 W/ Zero Air
Pressure	PRES		INHG	-2" Ambient Absolute
Sample Flow	SAMP FL		CC	800 ± 10%
Sample Temp	SAMPLE TEMP		°C	48 ± 4
Bench Temp	BENCH TEMP		°C	48 ± 2
Wheel Temp	WHEEL TEMP		°C	68 ± 2
Box Temp	BOX TEMP		°C	Ambient + 7 ± 10
Photo Drive	PHT DRIVE		mV	250 Mv TO 4750 Mv
Slope	SLOPE		.	1.0 ± .3
Offset	OFFSET			0 ± 0.3
O ₂ Sensor Temperature ³	O2 CELL TEMP		°C	50 ± 5
Slope of O ₂ Measurement ³	O2 SLOPE			
Offset of O ₂ Measurement ³	O2 OFFSET			
Dark Cal Reference signal	REF DARK OFFSET		mV	125 ± 50 Mv.
Dark Cal Measurement Signal	MEAS DARK OFFSET		mV	125 ± 50 Mv
Electric Test			PPM	40 ± 2 Ppm
Values are in the Signal I/O				
REF_4096_MV				4096mv±2mv And Must Be Stable
REF_GND				0± 0.5 And Must Be Stable

2. Have you performed a leak check and flow check? _____

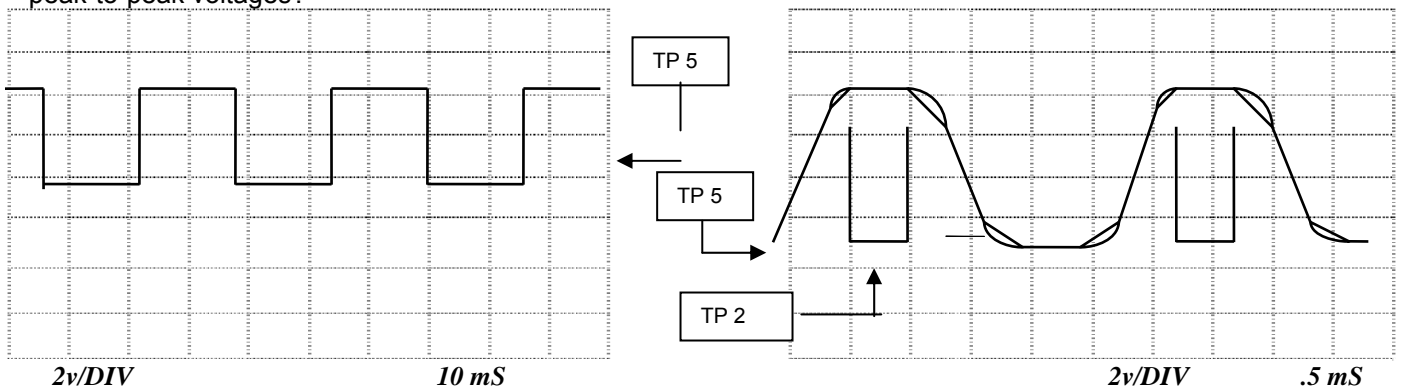
3. What is the sample flow & sample pressure with the sample in-let on rear of machine capped?

SAMPLE FLOW _____ CC SAMPLE PRESSURE _____ IN-HG-A

3. What are the failure symptoms? _____

4. What test have you done trying to solve the problem? _____

5. Please check these signals and verify the correctness. Look for the signals annotated on the diagram. What are the peak-to-peak voltages?



5. If possible, please include a portion of a strip chart pertaining to the problem. Circle pertinent data.

Thank you for providing this information. Your assistance enables Teledyne API to respond faster to the problem that you are encountering.

OTHER INFORMATION: _____
