

APPENDIX C
Warranty/Repair Questionnaire
T300/T300M and M300E/EM
(04305G 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, MGM ^{1,2} PPB, UGM ¹	1 – 1000 PPM ¹ 5 – 5000 PPM ²
Stability	STABIL		PPM	<1.0 PPM with Zero Air
CO Measure	CO MEAS		mV	2500 – 4800 MV
CO Reference	CO REF		mV	2500 – 4800MV
Measure/Reference Ratio	MR RATIO		–	1.1 – 1.3 W/ Zero Air
Pressure	PRES		In-Hg-A	-2”Ambient Absolute
Sample Flow	SAMP FL		cm ³ /min	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 – 4750 mV
Slope of CO Measurement	CO SLOPE		–	1.0 ± .3
Offset of CO Measurement	CO OFFSET		PPM	0 ± 0.3
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

¹ T300, M300E ² T300M, M300EM

TELEDYNE API CUSTOMER SERVICE
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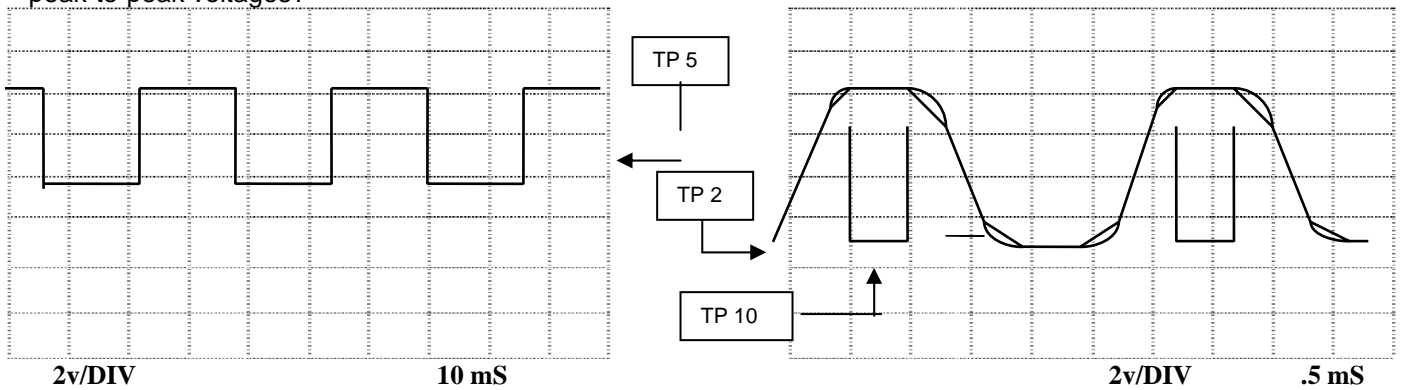


2. Have you performed a leak check and flow check? _____

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: _____
