



1/27/18

Model:	T500U				
Firmware:	1.2.3.159/1.0.2.23	Serial Number:	181	Sales Order:	257096
Date:	1/26/2018	Technician:	KS	SP#:	

Parameter	Displayed As	Observed Value	Units	Nominal Range**
Range	RANGE	500	PPB	0-500
Phase (zero air)	PHASE	31.93	degrees	> 25 degrees
Meas_L (zero air)	MEAS_L	486.4	Mm-1	< 650 Mm-1
Aref_L (zero air)	AREF_L	486.5	Mm-1	< 650 Mm-1
Sample Pressure	SMP PRS	26.69	in-Hg	between 26 and 29 in-Hg
Sample Temperature	SMP TEMP	46.7	°C	45 ± 2
IZS Temperature (optional)	IZS TEMP	50	°C	50 ± 1
Box Temperature	BOX TEMP	30.4	°C	ambient ± 5
Slope	SLOPE	1.148		1 ± 0.2
Offset	OFFSET	-0.088	PPB	0 ± 1
Stability	STABIL (ZERO)	0.006	PPB	< 0.05
Oven Temperature	OVEN TMP	45.1	°C	45 ± 1
Presamp/Mixer 1st Stage		8.56	volts	8.5 ± 0.2
Presamp/Mixer 2nd Stage		4.56	volts	4.5 ± 0.2
Span Noise	SPAN N	0.058	%	<0.2% of reading
Span Drift	SPAN D	0.138	%	<0.5% of reading/24 hours
Zero Drift	ZERO D	0.009	ppb	<0.2 ppb/24 hours
Sample Flow Rate	SAMP FLOW	900	ccm	900 ccm +/- 10%
Aref Flow	AREF FLOW	900	ccm	900 ccm +/- 10%
Zero Flow (option)	ZERO FLOW		ccm	900 ccm +/- 10%
Span Flow (option)	ZERO FLOW		ccm	900 ccm +/- 10%

Statement of Calibration

The unit identified above has been tested with NIST measuring and test equipment using lot traceable materials. The testing is performed in accordance with ISO 9001-2008 and is traceable to NIST and industry recognized standards.

Configuration and Options

Analog Output ranges	5 V
USB COM port (64A)	
Analog inputs	
Digital Alarm Outputs	
Multidrop RS232	
Current Outputs	
Current Output, Channel A1 (41)	
Current Output, Channel A2 (41)	
Current Output, Channel A3 (41)	

Additional Information:

POWER: 220-240V/50HZ, NUMA VIEW FIRMWARE, IZS PERM OVEN, T500U - Option 50G,