

# ANNUAL PREVENTATIVE MAINTENANCE



DataMaster DMT: 100140  
Location: BRADFORD VSP  
Calibration Date: 04/12/2017  
Certification Date: 04/12/2017  
Installation Date: 04/13/2017  
APM Date: 10/19/2017  
Performed by: ROBERT DRISCOLL

## Diagnostic Results

VERSIONS  
DMT: 2.03  
PIC: 2.08  
Modem: 2.6  
Questions: 2.1

### TEMPERATURES

Sample Chamber = 48.9°C  
Breath Tube = 43.8°C  
Digital Sim = 34.0°C

### SETTINGS

Lamp Voltage = 1.59 V  
Cooler Voltage = 1.55 V  
Bias Voltage = 80 V  
Chopper Freq = 528 Hz

### PUMP INFO

Flow Rate = 5.749 L/M

### DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.1587	0.1614
MIN (V)	0.1571	0.1598

### FILTER INFO

Filter 1	0.161	Zero = true
Filter 2	0.532	Zero = true
Filter 3	1.099	Zero = true

### CALIBRATION CHECK

Xq = 0.077 1.10%

**APM PASSED**

## Simulator Vapor Test

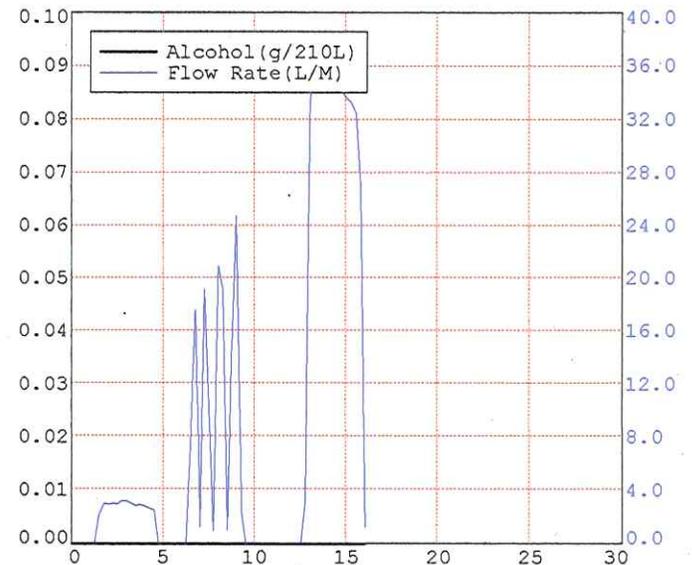
Concentration = 0.101 g/210L  
Lot # = 17-10-100  
Range = 0.096 - 0.106  
Simulator Vapor = 0.098 g/210L

## RF Detection Test

Passed

## Sample Acceptance Test

Passed



Performed by RD

Date 10/19/2017

Reviewed by RD

Date 10/19/17

Simulator Temperature Check

Simulator Serial Number: MP3510

DMT Serial Number / Simulator Location: 100140 / Bradford VSP

NIST Traceable Thermometer Serial Number: 160294076

As Found

Item	Thermometer Temperature	Simulator Temperature	Difference	Within Tolerance?*
Guth 12V500 Simulator	34.01	34.00	0.01	Y

\* 34.0 +/- 0.2 degree Celsius acceptable range

Was temperature adjustment performed? Y / N

As Left (if applicable)

Item	Thermometer Temperature	Simulator Temperature	Difference	Within Tolerance?*
Guth 12V500 Simulator				

Notes:

Check Performed By: [Signature]

Date: 10/19/17

Reviewed by: [Signature]

Date: 11/1/17