

ANNUAL PREVENTATIVE MAINTENANCE



DataMaster DMT: 100158
 Location: NORTHFIELD PD
 Calibration Date: 03/15/2017
 Certification Date: 03/15/2017
 Installation Date: 03/16/2017
 APM Date: 07/30/2019
 Performed by: JEFFERY DUKETTE

Diagnostic Results

VERSIONS

DMT: 2.05
 PIC: 2.08
 Modem: 2.6
 Questions: 2.1

TEMPERATURES

Sample Chamber = 49.0°C
 Breath Tube = 46.6°C
 Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.78 V
 Cooler Voltage = 1.81 V
 Bias Voltage = 80 V
 Chopper Freq = 553 Hz

PUMP INFO

Flow Rate = 4.944 L/M

DETECTOR INFO

| | | |
|--------|--------|--------|
| PUMP | ON | OFF |
| MAX(V) | 0.3961 | 0.3996 |
| MIN(V) | 0.3939 | 0.3951 |

FILTER INFO

| | | |
|----------|-------|-------------|
| Filter 1 | 0.398 | Zero = true |
| Filter 2 | 0.683 | Zero = true |
| Filter 3 | 1.620 | Zero = true |

CALIBRATION CHECK

Xq = 0.093 2.40%

APM PASSED

Simulator Vapor Test

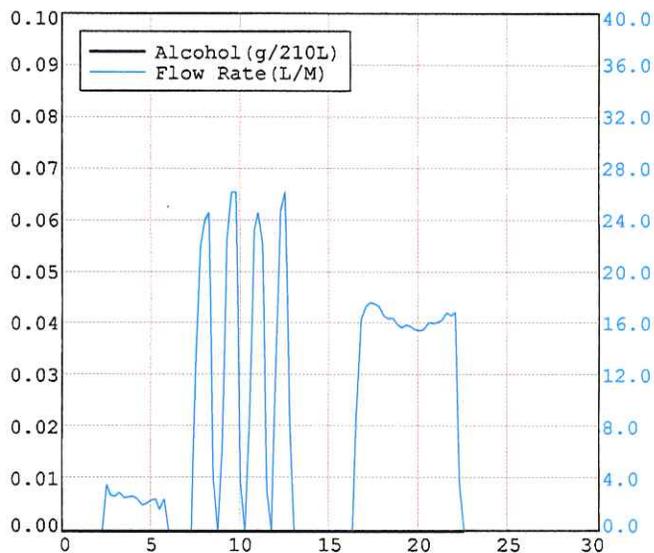
Concentration = 0.101 g/210L
 Lot # = 19-01-100
 Range = 0.096 - 0.106
 Simulator Vapor = 0.099 g/210L

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by

[Signature] JSD

Date 07/30/2019

Reviewed by

[Signature]

Date 8/1/19

DMT Serial Number #100158

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JSD

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Performed by: JEFFERY DUKETTE

Diagnostic Results

VERSIONS

DMT: 2.05
PIC: 2.08
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.8°C
Breath Tube = 46.9°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.78 V
Cooler Voltage = 1.81 V
Bias Voltage = 80 V
Chopper Freq = 553 Hz

PUMP INFO

Flow Rate = 4.968 L/M

DETECTOR INFO

| PUMP | ON | OFF |
|--------|--------|--------|
| MAX(V) | 0.3965 | 0.4000 |
| MIN(V) | 0.3937 | 0.3898 |

FILTER INFO

| | | |
|----------|-------|-------------|
| Filter 1 | 0.399 | Zero = true |
| Filter 2 | 0.682 | Zero = true |
| Filter 3 | 1.619 | Zero = true |

CALIBRATION CHECK

Xq = 0.092 2.31%

APM FAILED

All specs ok. Possibly due to accidental user abort while installing washer on breath tube holder.

JSD 7/31/2019

Performed by



Date

07/30/2019

Reviewed by



Date

8/1/19

Simulator Temperature Check

Simulator Serial Number:

MP3455

DMT Serial Number / Simulator Location:

100158/Northfield PD

NIST Traceable Thermometer Serial Number:

160294076

As Found

| Item | Thermometer Temperature | Simulator Temperature | Difference | Within Tolerance?* |
|-----------------------|-------------------------|-----------------------|------------|--------------------|
| Guth 12V500 Simulator | 34.03 | 33.99 | 0.04 | Y |

* 34.0 +/- 0.2 degree Celsius acceptable range

Was temperature adjustment performed?

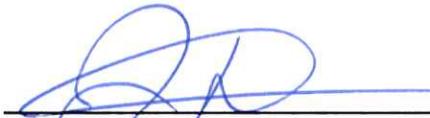
Y / N

As Left (if applicable)

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

Notes:

Check Performed By:



Date:

7/30/19

Reviewed by:



Date:

8/1/19