

INSTALLATION REPORT

DataMaster DMT: 100146
Location: ESSEX COUNTY SO
Adjustment Date: 9/8/2025
Calibration Date: 9/10/2025
Installation Date: 9/19/2025
Installed by: AMANDA BOLDUC



Default Options Loaded

Diagnostic Results

VERSIONS
DMT: 2.07
PIC: 3.07
Modem: 3.0
Questions: 3.0

TEMPERATURES

Sample Chamber = 48.9°C
Breath Tube = 48.1°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.80 V
Cooler Voltage = 1.75 V
Bias Voltage = 80 V
Chopper Freq = 531 Hz

PUMP INFO

Flow Rate = 5.935 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.1498	0.1539
MIN(V)	0.1470	0.1512

FILTER INFO

Filter	Value	Zero
Filter 1	0.153	true
Filter 2	-0.088	true
Filter 3	0.868	true

INSTALLATION PASSED

Accuracy and Precision Check

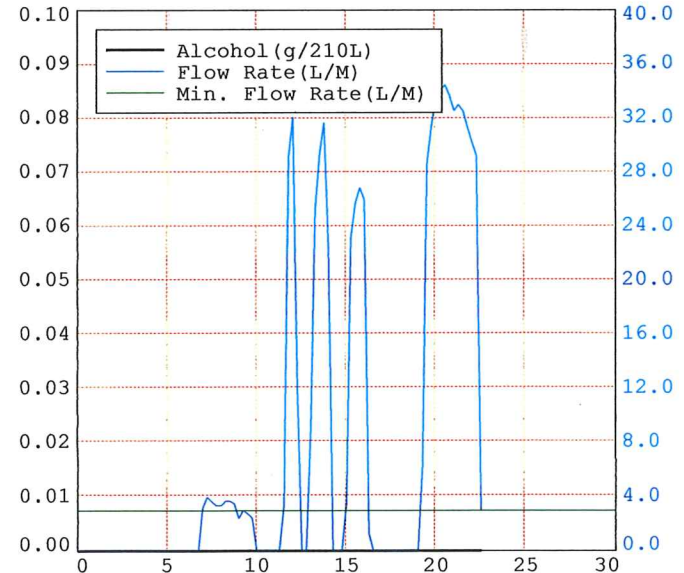
Concentration	= 0.100 g/210L
Lot #	= 25-21-100
Range	= 0.095 - 0.105
Average	= 0.103 g/210L
Std Dev	= 0.0006

RF Detection Test

Passed
RF detected

Sample Acceptance Test

Passed



Performed by

Date 9/19/2025

Reviewed by

Date

9/22/25

DMT Serial Number #100146

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100146

AS

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VERMONT FORENSIC LABORATORY

Simulator Temperature Check

Simulator Serial Number:

MP3492

DMT Serial Number:

100146

Simulator Location:

Essex CSO Guildhall

NIST Traceable Thermometer Serial Number:

21FMM02249

As Found

Item	Thermometer Temperature	Simulator Temperature	Difference	Within Tolerance?*
Guth 12V500 Simulator	34.00 33.99	34.01	0.01	Y / N

AS 9/19/25

* $\pm 0.10^{\circ}\text{C}$ agreement between thermometer and simulator

* Simulator temperature reads $34.00 \pm 0.05^{\circ}\text{C}$

Was temperature adjustment performed?

Y / ~~N~~

As Left (if applicable)

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

Notes:

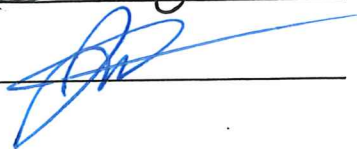
Check Performed By:



Date:

9/19/25

Reviewed by:



Date:

9/22/25