

INSTALLATION REPORT

DataMaster DMT: 100145
Location: ST. JOHNSBURY VSP
Adjustment Date: 1/21/2025
Calibration Date: 1/21/2025
Installation Date: 1/31/2025
Installed by: JEFFERY DUKETTE



Default Options Loaded

Diagnostic Results

VERSIONS
DMT: 2.07
PIC: 2.08
Modem: 3.0
Questions: 3.0

TEMPERATURES

Sample Chamber = 49.0°C
Breath Tube = 48.1°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.86 V
Cooler Voltage = 1.67 V
Bias Voltage = 80 V
Chopper Freq = 521 Hz

PUMP INFO

Flow Rate = 5.463 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	-0.0274	-0.0222
MIN (V)	-0.0293	-0.0240

FILTER INFO

Filter 1	-0.022	Zero = true
Filter 2	0.007	Zero = true
Filter 3	0.883	Zero = true

INSTALLATION PASSED

Accuracy and Precision Check

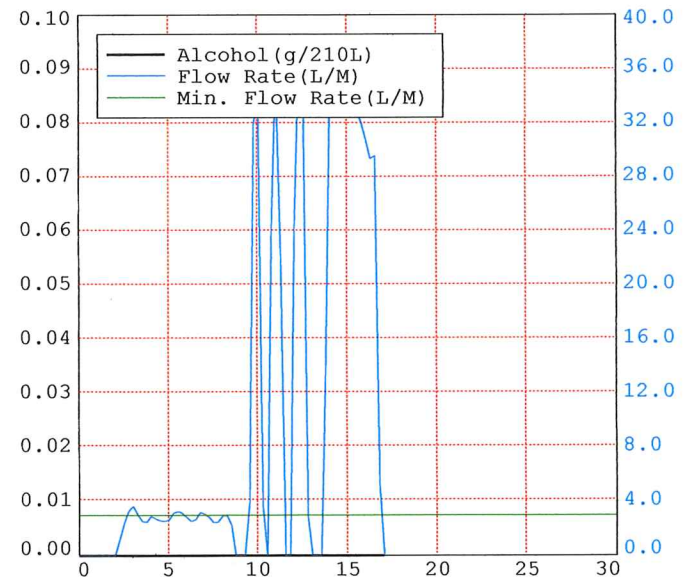
Concentration	= 0.100 g/210L
Lot #	= 24-07-100
Range	= 0.095 - 0.105
Average	= 0.101 g/210L
Std Dev	= 0.0007

RF Detection Test

Passed
RF detected

Sample Acceptance Test

Passed



Performed by

Date 1/31/2025

Reviewed by

Date 2/3/25

VERMONT FORENSIC LABORATORY

Simulator Temperature Check

Simulator Serial Number:

MP3508

DMT Serial Number:

100145

Simulator Location:

VSP St Johnsbury

NIST Traceable Thermometer Serial Number:

21FMM02249

As Found

Item	Thermometer Temperature	Simulator Temperature	Difference	Within Tolerance?*
Guth 12V500 Simulator	34.00	34.00	0.00	(Y) / N

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

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

Was temperature adjustment performed?

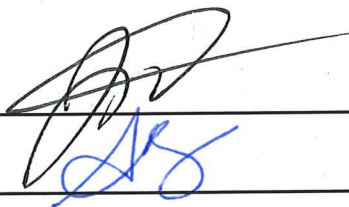
Y (N)

As Left (if applicable)

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

Notes:

Check Performed By:



Date:

850 1/31/25

42 1/31/25

Reviewed by:

Date:

2/3/25