

INSTALLATION REPORT



DataMaster DMT: 100160
Location: WILMINGTON PD
Adjustment Date: 7/11/2025
Calibration Date: 7/11/2025
Installation Date: 8/5/2025
Installed by: JEFF DUKETTE

Default Options Loaded

Diagnostic Results

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

TEMPERATURES

Sample Chamber = 49.1°C
Breath Tube = 48.1°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.70 V
Cooler Voltage = 1.61 V
Bias Voltage = 80 V
Chopper Freq = 525 Hz

PUMP INFO

Flow Rate = 4.361 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.0770	0.0823
MIN(V)	0.0756	0.0805

FILTER INFO

Filter 1	0.081	Zero = true
Filter 2	0.192	Zero = true
Filter 3	0.978	Zero = true

INSTALLATION PASSED

Accuracy and Precision Check

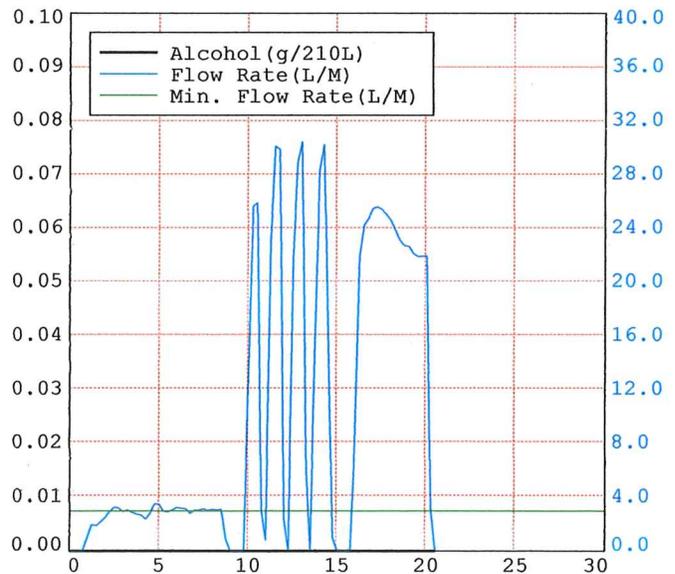
Concentration = 0.102 g/210L
Lot # = 25-11-100
Range = 0.097 - 0.107
Average = 0.103 g/210L
Std Dev = 0.0002

RF Detection Test

Passed
RF detected

Sample Acceptance Test

Passed



Performed by

Date

8/5/2025

Reviewed by

Date

8/6/25

DMT Serial Number #100160

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JD

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Simulator Temperature Check

Simulator Serial Number: MP3518
 DMT Serial Number: 100160
 Simulator Location: Wilmington PD
 NIST Traceable Thermometer Serial Number: 21FMM02249

As Found

Item	Thermometer Temperature	Simulator Temperature	Difference	Within Tolerance?*
Guth 12V500 Simulator	33.99	34.00	0.01	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: 
 Reviewed by: _____

Date: 8/5/25
 Date: _____