# INSTALLATION REPORT

**DataMaster DMT:** 100149
**Location:** Barre City PD
**Calibration Date:** 06/25/2014
**Certification Date:** 06/30/2014
**Installation Date:** 06/30/2014
**Installed by:** ROBERT DRISCOLL

## Default Options Loaded

## Diagnostic Results

```
VERSIONS
DMT: 1.01
PIC: 2.06
Modem: 2.4
Questions: 2.1

TEMPERATURES

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

SETTINGS
Lamp Voltage   = 1.81 V
Cooler Voltage = 1.81 V
Bias Voltage   = 80 V
Chopper Freq   = 534 Hz

PUMP INFO
Flow Rate = 5.483 L/M

DETECTOR INFO
PUMP     ON        OFF
MAX(V)   0.4856    0.4882
MIN(V)   0.4837    0.4870

FILTER INFO
Filter 1   0.488   Zero = true
Filter 2   0.753   Zero = true
Filter 3   0.965   Zero = true

CALIBRATION CHECK
Xq  = 0.081  0.21%
```

## Accuracy and Precision Check

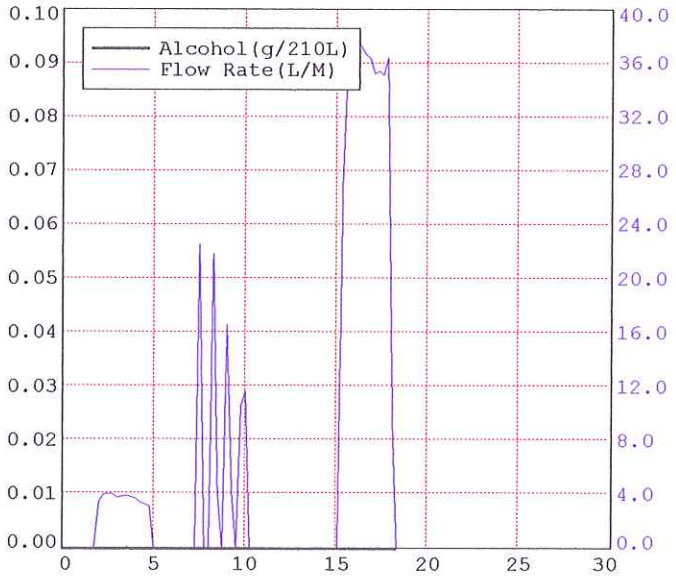
| | |
|---|---|
| Concentration | = 0.099 g/210L |
| Lot # | = 14-04-100 |
| Range | = 0.094 - 0.104 |
| Average | = 0.095 g/210L |
| Std Dev | = 0.0000 |

## RF Detection Test

Passed

## Sample Acceptance Test

Passed




## INSTALLATION PASSED

NIST Thermometer S/N 111814517 34.1°C RCD 6/30/14

**Performed by** RCD **Date** 06/30/2014

**Reviewed by** **Date** 7/1/2014



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# DIAGNOSTIC RESULT

DataMaster DMT: 100149
Location: Barre City PD
Calibration Date: 06/25/2014
Certification Date: 06/30/2014
Installation Date: 06/30/2014
Test Date: 07/01/2014
Test Time: 07:56:28

VERSIONS
DMT: 1.01
PIC: 2.06
Modem: 2.4
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.8°C
Breath Tube = 45.5°C
Digital Sim = 34.0°C

SETTINGS
Lamp Voltage = 1.81 V
Cooler Voltage = 1.81 V
Bias Voltage = 80 V
Chopper Freq = 535 Hz

PUMP INFO
Flow Rate = 5.573 L/M

DETECTOR INFO

| PUMP | ON | OFF |
|---|---|---|
| MAX(V) | 0.1646 | 0.1679 |
| MIN(V) | 0.1632 | 0.1665 |

FILTER INFO
Filter 1 0.167 Zero = true
Filter 2 0.453 Zero = true
Filter 3 0.684 Zero = true

CALIBRATION CHECK
Xq = 0.081 0.21%

Installation completed prior to detector voltage stabilization. Requested Diagnostic from DMT supervisor to monitor voltage at Filter 1. RCD 7/1/14



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