



**VERMONT FORENSIC LABORATORY**

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**DATAMASTER TECHNICAL SUPPORT INQUIRY**

Agency/Site: Dover PD DataMaster Serial #: 123106

Date: 6/12 /12 Requestor: Rich Werner

Instrument Supervisor: Rich Werner Phone #: \_\_\_\_\_

Taken By: A. Bolduc

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Problem: Touch screen not working, simulator paddle appears to be hitting the baffle and wearing.

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Laboratory Response: Instructed supervisor to check cables on the screen then reboot the DMT, still not working

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Work Performed: Replaced defective touch screen. Checked noisy paddle on simulator, I tightened the connections, but the paddle still occasionally hits the baffle. The seal and temperature on the simulator were perfect and the noisy paddle does not affect the function of the simulator so I did not replace it. Thermometer used s/n #111814522. The supervisor had replaced the simulator solution on 6/12/12 but had not assigned the solution to the DMT due to the touch screen malfunction. I performed an Installation protocol using the fresh solution in the jar to satisfy both the APM and the RPC. I also performed the software update and changed the lock on the simulator.

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On Site     In-house    Attachments: 2 pages

Performed By: A. Bolduc    Date: 6/18/12

Final Review: [Signature]    Date: 6/18/2012

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# INSTALLATION REPORT

DataMaster DMT: 123106  
Location: Dover PD  
Calibration Date: 08/15/2011  
Certification Date: 08/15/2011  
Installation Date: 06/15/2012  
Installed by: AMANDA BOLDUC



## Default Options Loaded

## Diagnostic Results

VERSIONS  
DMT: 1.01  
PIC: 2.05  
Modem: 2.4  
Questions: 2.1

### TEMPERATURES

Sample Chamber = 49.2°C  
Breath Tube = 48.1°C  
Digital Sim = 34.0°C

### SETTINGS

Lamp Voltage = 1.76 V  
Cooler Voltage = 1.76 V  
Bias Voltage = 80 V  
Chopper Freq = 527 Hz

### PUMP INFO

Flow Rate = 4.512 L/M

### DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.0309	0.0360
MIN (V)	0.0293	0.0346

### FILTER INFO

Filter	Value	Zero
Filter 1	0.036	Zero = true
Filter 2	0.537	Zero = true
Filter 3	0.585	Zero = true

### CALIBRATION CHECK

Xq = 0.082 0.53%

## Accuracy and Precision Check

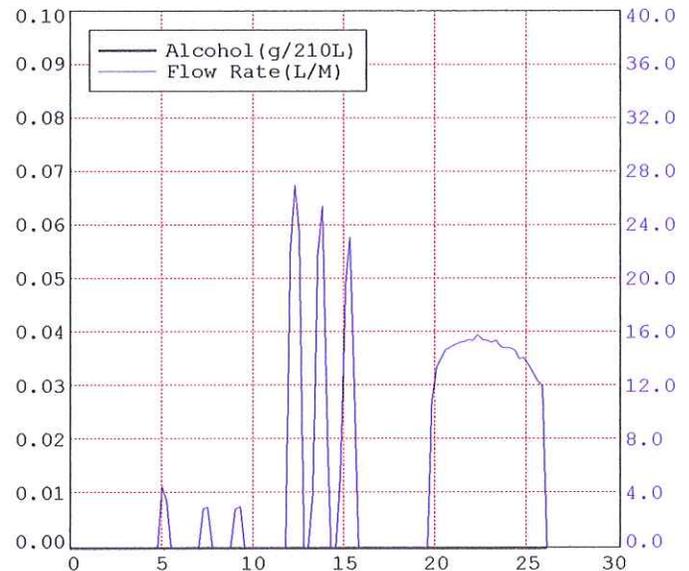
Concentration = 0.100 g/210L  
Lot # = 12-70-100  
Range = 0.095 - 0.105  
Average = 0.102 g/210L  
Std Dev = 0.0000

## RF Detection Test

Passed

## Sample Acceptance Test

Passed



## INSTALLATION PASSED

Performed by

*AS Bolduc*

Date

06/15/2012

Reviewed by

*[Signature]*

Date

6/18/2012

## 2012 DataMaster DMT APM and Software Update

Date	6/15/12	
Agency	Dover PD	
DMT Serial Number	123106	
Technician Name	AEB	
Software Updated	YES	NO
Lock Changed	YES	NO
DPS Property Tag Number	20131	
APM Protocol Performed	YES	NO
Other/Notes		

TS1 -

Replaced defective touch screen  
Checked noisy paddle on sim. OK to  
use, tightened connections but paddle  
still makes noise. Works fine. Supervisor  
had replaced solution in jar on 6/12/12 so  
I performed an installation protocol to  
satisfy the solution change /RPC and  
APM. Performed leak check, changed  
O-ring and checked ~~checked~~ sim temp.  
w/ thermometer <sup>s/n #</sup> 11814522. All passed

A. Bolen