



VERMONT FORENSIC LABORATORY

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DATAMASTER TECHNICAL SUPPORT INQUIRY

Agency/Site: Hinesburg PD DataMaster Serial #: 300387

Date: 6/21/2016 Requestor: Caleb Casco

Instrument Supervisor: Caleb Casco Phone #: (802) 482-3397

Taken By: Rob Driscoll

Problem: The instrument was turned off to try and fix a printer communication problem. When the switch was turned back on the DMT would not power up.

Laboratory Response: Asked DMT supervisor to check for power going to the DMT. The simulator was still powered on so will troubleshoot onsite.

Work Performed: Tested the DMT 12V power supply and it was functioning as expected but found no power at the control board. Found the power switch to be bad. No parts onsite so took the instrument to the VFL to replace the power switch. Returned the instrument to the agency and completed an Installation.

On Site In-house Attachments: 1 pages

Performed By: Rob Driscoll *ROD* Date: 6/22/2016
Final Review: [Signature] Date: 6/30/16

INSTALLATION REPORT

DataMaster DMT: 300387
Location: HINESBURG PD
Calibration Date: 07/10/2013
Certification Date: 07/11/2013
Installation Date: 06/21/2016
Installed by: ROBERT DRISCOLL



Default Options Loaded

Diagnostic Results

VERSIONS
DMT: 2.00
PIC: 2.05
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 49.2°C
Breath Tube = 44.8°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.70 V
Cooler Voltage = 1.81 V
Bias Voltage = 82 V
Chopper Freq = 530 Hz

PUMP INFO

Flow Rate = 5.786 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.0140	0.0195
MIN (V)	0.0100	0.0177

FILTER INFO

Filter	Value	Zero
Filter 1	0.019	Zero = true
Filter 2	0.702	Zero = true
Filter 3	0.441	Zero = true

CALIBRATION CHECK

Xq = 0.072 0.59%

INSTALLATION PASSED

Accuracy and Precision Check

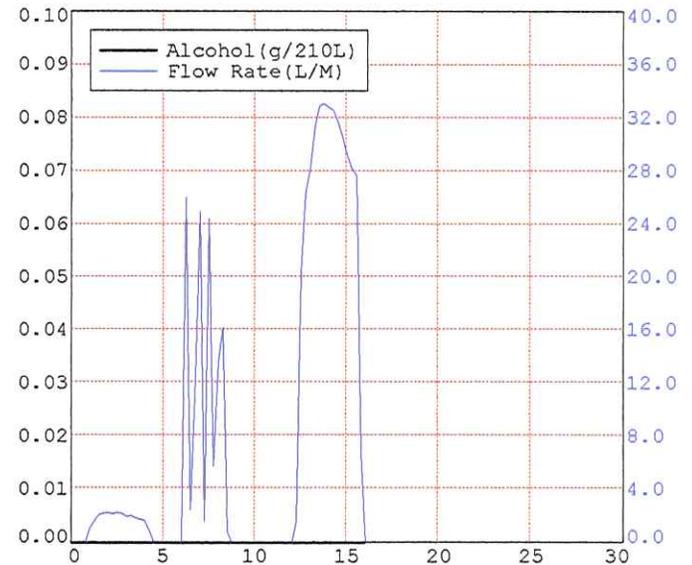
Concentration	= 0.099 g/210L
Lot #	= 16-05-100
Range	= 0.094 - 0.104
Average	= 0.098 g/210L
Std Dev	= 0.0000

RF Detection Test

Passed

Sample Acceptance Test

Passed



*NIST Thermometer s/n 111814367 34.2°C
RCD 6/21/16*

Performed by *RD*

Date 06/21/2016

Reviewed by *RD*

Date 6/30/16