



**VERMONT FORENSIC LABORATORY**

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**DATAMASTER TECHNICAL SUPPORT INQUIRY**

Agency/Site: New Haven VSP DataMaster Serial #: 123306

Date: 11/30/2015 Requestor: Stephanie Taylor

Instrument Supervisor: Stephanie Taylor Phone #: (802) 388-4919

Taken By: Amanda Bolduc

Problem: DataMaster DMT is powered down and will not turn on.

Laboratory Response: Alcohol program staff asked DMT Supervisor to try another power outlet. The instrument still has no power. The DMT Technician will investigate onsite.

Work Performed: The DMT Technician tested the DataMaster power outlet and found 120V AC. The instrument was opened and power was found going into the power supply, but no 12V DC power coming out. Replaced the power supply with a new spare part. Powered up the instrument and let it come up to temperature. Ran a Diagnostic and Check-in test to verify the instrument's operation.

On Site  In-house

Attachments: 3 pages

Performed By: Rob Driscoll

Date: 12/01/2015

Final Review: *[Signature]*

Date: 12/1/15

## Driscoll, Rob

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**From:** Taylor, Stephanie  
**Sent:** Monday, November 30, 2015 9:06 AM  
**To:** Bolduc, Amanda; Driscoll, Rob  
**Subject:** RE: Datamaster is 42

Thank you!

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**From:** Bolduc, Amanda  
**Sent:** Monday, November 30, 2015 9:06 AM  
**To:** Taylor, Stephanie <[Stephanie.Taylor@vermont.gov](mailto:Stephanie.Taylor@vermont.gov)>; Driscoll, Rob <[Rob.Driscoll@vermont.gov](mailto:Rob.Driscoll@vermont.gov)>  
**Subject:** RE: Datamaster is 42

Okay. Someone will be down to check it out

*Amanda Bolduc, MFS*  
Alcohol Program Supervisor  
Vermont Forensic Laboratory  
(802) 241-5300 (ph)  
(802) 585-0504 (cell)

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**From:** Taylor, Stephanie  
**Sent:** Monday, November 30, 2015 9:05 AM  
**To:** Bolduc, Amanda; Driscoll, Rob  
**Subject:** RE: Datamaster is 42

Yes, I did. Nothing. The paddle piece is going along just fine, but the rest of it is toast.

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**From:** Bolduc, Amanda  
**Sent:** Monday, November 30, 2015 9:03 AM  
**To:** Taylor, Stephanie <[Stephanie.Taylor@vermont.gov](mailto:Stephanie.Taylor@vermont.gov)>; Driscoll, Rob <[Rob.Driscoll@vermont.gov](mailto:Rob.Driscoll@vermont.gov)>  
**Subject:** RE: Datamaster is 42

I don't mean to sound silly, but have you tried it in a different outlet?

*Amanda Bolduc, MFS*  
Alcohol Program Supervisor  
Vermont Forensic Laboratory  
(802) 241-5300 (ph)  
(802) 585-0504 (cell)

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**From:** Taylor, Stephanie  
**Sent:** Monday, November 30, 2015 9:02 AM  
**To:** Driscoll, Rob; Bolduc, Amanda  
**Subject:** Datamaster is 42

Good morning,  
New Haven's datamaster is DEAD. It won't even turn on. Please help!  
Thanks,  
Steph

# DIAGNOSTIC RESULT



DataMaster DMT: 123306  
Location: NEW HAVEN VSP  
Calibration Date: 07/21/2015  
Certification Date: 07/21/2015  
Installation Date: 07/22/2015  
Test Date: 11/30/2015  
Test Time: 11:42:09

## VERSIONS

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

## TEMPERATURES

Sample Chamber = 48.6°C  
Breath Tube = 48.1°C  
Digital Sim = 33.9°C

## SETTINGS

Lamp Voltage = 1.77 V  
Cooler Voltage = 1.70 V  
Bias Voltage = 80 V  
Chopper Freq = 515 Hz

## PUMP INFO

Flow Rate = 4.970 L/M

## DETECTOR INFO

PUMP	ON	OFF
MAX(V)	-0.1348	-0.1274
MIN(V)	-0.1362	-0.1289

## FILTER INFO

Filter 1	-0.128	Zero = true
Filter 2	0.370	Zero = true
Filter 3	1.001	Zero = true

## CALIBRATION CHECK

Xq = 0.127 0.21%



CHECK-IN CONFIRMATION TEST

STATE OF VERMONT

DataMaster DMT: 123306  
Location: NEW HAVEN VSP  
Certification Date: 07/21/2015  
Installation Date: 07/22/2015

Date: 11/30/2015  
Time: 11:44:03

SUBJECT NAME:  
TEST TEST  
DOB: 01/01/1990 AGE: 25  
GENDER: M

TEST OPERATOR NAME:  
ROBERT DRISCOLL  
AGENCY: VFL

BLANK TEST	0.000	11:44
CALIBRATION CHECK	PASSED	11:45
Xq = 0.126 (0.28%)		
SIMULATOR VAPOR 34.0°C	0.098	11:45
X[1] = 0.0983 (-0.0020) (-0.0020)		
SUBJECT SAMPLE (Vol=1.9L)	0.000	11:45
X[1] = 0.0016 (-0.0017) (-0.0017)		
BLANK TEST	0.000	11:46

All alcohol values reported in g/210L  
Sim. Vapor Concentration 0.099  
Sim. Vapor Range 0.094 - 0.104  
Lot #: 15-09-100

