

Alaska Scientific Crime Detection Laboratory

DataMaster Evaluation Form

Issued: 04/03/2018
Effective: 04/04/2018

Version: DMEF2018 R0
Status: Active

Instrument # 100421

Date: 5/14/18

Analyst: Colleen O'Bryant

1. Reason for instrument evaluation

Static analysis errors, interference and
diagnostic fails

2. Visual Inspection

Clean

Replace missing screws

Cermetex Box is secure

Ensure modem cable present

Gas Valve upright or secured to wall

All tubing and connections are secure

3. O-ring inspection and ensure 2 O-rings in replacement bag

4. Troubleshooting/Repair

Screen was responding sporadically - reloaded
software 3.02 and issue was resolved, also
calibrated the stylus.

Modem wouldn't upload on check in, attempted
again + it still failed. Replaced modem board
and instrument uploaded successfully.

Noisy chopper wheel, removed the filter wheel housing
and reated the chopper wheel, it was loose.

Replaced breath hose - diagnostic check fails due to
low BT temp (~37°)

5. VOC (attached)

6. Internal Standard value $\leq 3.00\%$ Yes No

7. Verify software version

Return to Factory for Repair

Ready for Calibration

Ready for Certification

Proceed to Close Out

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1. Reason for instrument evaluation

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2. Visual Inspection

Clean

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3. O-ring inspection and ensure 2 O-rings in replacement bag

4. Troubleshooting/Repair

Following the re-seating of the chopper wheel
it was clear the instrument was still noisy.
The chopper voltage was stuck at 0 and the chopper
only worked intermittently.

I was able to get the chopper working again by
replacing the chopper motor, but the wheel is
off balance + still noisy. Holding for replacement
parts or balancing tool. CAS 5/16/18

5. VOC (attached)

6. Internal Standard value $\leq 3.00\%$ Yes No

7. Verify software version

Return to Factory for Repair

Ready for Calibration

Ready for Certification

Proceed to Close Out

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DataMaster Evaluation Form

Issued: 04/03/2018
Effective: 04/04/2018

Version: DMEF2018 R0
Status: Active

Instrument # 100421

Date: 12/24/18

Analyst: Derek Walton

1. Reason for instrument evaluation

Prepare for return to Intoximeters for refurbish

2. Visual Inspection

- | | |
|--|---|
| <input checked="" type="checkbox"/> Clean | <input checked="" type="checkbox"/> Replace missing screws |
| <input checked="" type="checkbox"/> Cermetex Box is secure | <input checked="" type="checkbox"/> Ensure modem cable present |
| <input checked="" type="checkbox"/> Gas Valve upright or secured to wall | <input checked="" type="checkbox"/> All tubing and connections are secure |

3. O-ring inspection and ensure 2 O-rings in replacement bag Did not add 2 o-rings due to impending return to factory.
4. Troubleshooting/Repair

Outstanding issues to be resolved by Intoximeters:

- Breath temperature (hose) too low

- Noisy/unbalanced chopper wheel

- Filter wheel error

5. VOC (attached) NA
6. Internal Standard value $\leq 3.00\%$ Yes No NA
7. Verify software version NA

- | | |
|--|--|
| <input checked="" type="checkbox"/> Return to Factory for Repair | <input type="checkbox"/> Ready for Calibration |
| <input type="checkbox"/> Ready for Certification | <input type="checkbox"/> Proceed to Close Out |