

Alaska Scientific Crime Detection Laboratory

DataMaster Evaluation Form

Effective: 1/18/2024

Version: 4.0

Instrument #: 100389

Analyst/Technician(s): Megan Corlock

Start Date: 3/25/25

Date Instrument Received: 3/25/25

Reason for instrument evaluation

Multiple filter wheel errors

Visual Inspection:

☒ Clean

☒ Replace missing screws

☒ Cermetex Box (modem) is secure

☒ Ensure modem cable present

☒ Double Check Valve secured to wall

☒ All tubing and connections secure

☒ O-ring inspection and ensure 2 replacement O-rings in bag

MNC 4/22/25

☒ Attach VOC ☐ VOC Internal Standard $\leq 3.00\%$

MNC 4/22/25
☒ Verify software version

Condition of item: ☐ No apparent damage ☒ Damaged

VOC could not complete.

NOTE: As Found Linearity is required if the instrument is not damaged and the internal standard value is not more than 4.00%

As Found Conditions (if performed): Not performed

Barometric Pressure (inHg): _____ Temperature (C): _____ Relative Humidity (%) _____

Linearity Test Levels (g/210L): 0.020, 0.080, 0.300

Notes: Resecured the double check valve to the wall and replaced the O-ring.

Could not complete the VOC due to the filter wheel error. Solenoid wire appears damaged and filter wheel is not turning properly.

☐ Attach Non-Drinking Subject Test

Conclusion:

☐ Ready for Adjustment

☒ Needs Repair

☐ Ready for Calibration

Lab Work End Date: 3/25/25

VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Serial #: 100389

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 03/25/2025

External Standard Test Values

Diagnostic Check

VERSIONS
DMT: 3.02
PIC: 3.02
Modem: 2.6
Questions: 2.2

Filter Wheel Error