

Alaska Scientific Crime Detection Laboratory

DataMaster Repair Form

Effective: 3/20/2025

Version: 2.0

Instrument #: 100418

Analyst(s): Kaija Swisher

Start Date: 12/29/25

Reason for Repair

Touch Screen freezing.

Troubleshooting/Repair

Replaced Screen. Screen now works normal.
Recalibrated Stylus. VOC internal standard greater than
3%, adjustment needed.

- | | |
|--|--|
| ☒ VOC (attached) | ☒ Verify software version |
| ☐ VOC Internal Standard value $\leq 3.00\%$ | ☒ Non-Drinking Subject Test (attached) |
| ☒ Ready for Adjustment | ☐ Ready for Calibration |
| ☐ Further Repair Needed | ☐ Return to Factory |
| ☐ Proceed to Close Out | |

End Date: 12/29/25

VERIFICATION OF CALIBRATION REPORT

of DataMaster dmt Breath Test Instrument

State of Alaska

Serial #: 100418

Scientific Crime Detection Laboratory - Statewide Breath Alcohol Program

Date: 12/29/2025

External Standard Test Values

EXTERNAL STANDARD INFORMATION

NOMINAL: 0.080

TARGET AT 29.04: 0.078

LOT #: AG436502

EXPIRATION: 12/30/2026

TANK PRESSURE: 1212 psi

BLANK TEST 0.000 14:15

INTERNAL STANDARD VERIFIED 14:15

Xq = 0.065 (1.96%)

EXTERNAL STANDARD 0.076 14:15

X[1] = 0.0757 (-0.0027) (0.0012)

BLANK TEST 0.000 14:16

EXTERNAL STANDARD 0.077 14:16

X[1] = 0.0771 (-0.0023) (0.0002)

BLANK TEST 0.000 14:17

EXTERNAL STANDARD 0.077 14:17

X[1] = 0.0770 (-0.0021) (-0.0001)

BLANK TEST 0.000 14:18

EXTERNAL STANDARD 0.077 14:18

X[1] = 0.0774 (-0.0020) (0.0001)

BLANK TEST 0.000 14:19

EXTERNAL STANDARD 0.078 14:19

X[1] = 0.0778 (-0.0015) (0.0000)

BLANK TEST 0.000 14:20

Average = 0.0770

Std Dev = 0.0007

Diagnostic Check

VERSIONS

DMT: 3.02

PIC: 3.02

Modem: 2.6

Questions: 2.2

TEMPERATURES

Sample Chamber = 48.8°C PASSED
(44.0°C - 52.0°C)

Breath Tube = 42.5°C PASSED
(38.0°C - 50.0°C)

SETTINGS

Lamp Voltage = 1.85 V PASSED
(1.12 V - 2.60 V)

Cooler Voltage = 1.74 V PASSED
(1.12 V - 2.60 V)

Bias Voltage = 80 V PASSED
(48 V - 112 V)

Chopper Freq = 509 Hz PASSED
(475 Hz - 575 Hz)

Barometer = 29.0 in

PUMP INFO

Flow Rate = 4.749 L/M PASSED
(3.500 L/M - 6.500 L/M)

DETECTOR INFO

PUMP ON PASSED

(0.003 V <= 0.010 V)

PUMP OFF PASSED

(0.003 V <= 0.010 V)

FILTER INFO

Filter 1 PASSED

Filter 2 PASSED

Filter 3 PASSED

INTERNAL STANDARD

PASSED

Xq = 0.063 3.79% (0.00% - 4.00%)

SUBJECT TEST

Alaska Department of Public Safety
DATAMASTER dmt: 100418

Date: 12/29/2025
Time: 14:32:05

SUBJECT NAME:
TEST TEST
LICENSE #: XXX

OPERATOR NAME:
KAIJA SWISHER
OPERATOR'S #: 10746

DEPT/AGENCY:
NON-DRINKING SUBJECT TEST
CASE/REPORT: XXX
TEST TYPE: TEST

EXTERNAL STANDARD INFORMATION
NOMINAL: 0.080
TARGET AT 20.05: 0.070
LOT #: AG436502
EXPIRATION: 12/30/2026

DIAGNOSTIC CHECK	PASSED	14:34
BLANK TEST	0.000	14:34
INTERNAL STANDARD	VERIFIED	14:34
EXTERNAL STANDARD	0.078	14:34
BLANK TEST	0.000	14:35
SUBJECT SAMPLE (Vol=1.93L)	0.000	14:36
BLANK TEST	0.000	14:37
EXTERNAL STANDARD	0.078	14:37
BLANK TEST	0.000	14:38

