

# Alaska Scientific Crime Detection Laboratory

## DataMaster Check In Form

Effective: 10/10/2022

Version: 3.0

Instrument #: 100359

Received From: AST/Bethel via

Date: 4/3/23

Analyst: C. Bryant  
Intox

Reason for instrument return:

(Detector overflow) + blank errors.

Change instrument and case location in JusticeTrax Breath Alcohol Database

Ensure change in instrument status form is in JusticeTrax  N/A

Upload  N/A

Update agency information and polling status in DMHost Calling Program  N/A

Check for VOCs  N/A

From Intoximeters

Intoximeters Repair Paperwork (attached)

SRO Number: SRO-054485

Received Date: 11/14/2022

Completion Date: 02/06/2023

SRO Type: REPAIR

SRO Description: DMT Repair, Legacy, Detector

Customer ID: C000003651

Customer PO: V/S-11142022-Glaister

Contact: Carlie Glaister

Email: carlie.glaister@alaska.gov

Ship To:

Alaska Scientific Crime Detection Laboratory  
4805 Dr MLK Jr Ave  
Anchorage AK 99507  
USA

Units on SRO

1	LEGDMT	LEGACY DMT
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Service Line: 1		<b>**All Instruments are Calibrated to Factory Specifications**</b>	
<b>Unit Type:</b>	(LEGDMT) LEGACY DMT		
<b>Serial Number:</b>	50100359		
<b>Reason:</b>	DMT Status Messages		
	DetOverF		
<b>Reason Notes:</b>	Customer Reported Issue: Experiencing Detector Overflow post-detector change.		
<b>Resolution:</b>	Adjusted		
	Elec adj		
<b>Resolution Notes:</b>	Detector and filter wheel assembly both showed heavy smudging and contamination. Thoroughly cleaning all glass windows and lenses relieved this symptom and increased detector performance. The increased performance required the lamp/cooler parameters to be adjusted.		
	Detector Overflow is a symptom >1.300v @ F2 during any test. DVolts = -0.107		
<b>Parts:</b>	<u>Qty</u>	<u>Part Number</u>	<u>Part Description</u>
	1	59-0064-00	DMT ELEC PCB ASSY CONTROLLER 2010 41631
<b>Reason:</b>	DMT Status Messages		
	FltWl er		
<b>Reason Notes:</b>	Filter Wheel Error Filter wheel solenoid was having a hard time engaging. Filter wheel stepper motor only moved in one direction.		
<b>Resolution:</b>	Replaced		
	RPL PCB		
<b>Resolution Notes:</b>	The board was experiencing intermittent connectivity when issuing commands. Replacing the board solved both the solenoid and stepper motor issues.		
	1	99-0001-00	MISC REPAIR
<b>Reason:</b>	DMT Status Messages		
	FltWl er		
<b>Reason Notes:</b>	Filter Wheel Error		
<b>Resolution:</b>	Cleaned		
	cleaned		
<b>Resolution Notes:</b>	Rebuilt filter wheel assembly per Intox standard.		