

DataMaster Fleet Replacement

FY2025 Request: \$1,300,000

Reference No: 65145

AP/AL: Appropriation

Project Type: Life / Health / Safety

Category: Public Protection

Location: Statewide

House District: Statewide (HD 1 - 40)

Impact House District: Statewide (HD 1 - 40)

Contact: Pam Halloran

Estimated Project Dates: 07/01/2024 - 06/30/2029

Contact Phone: (907)465-5501

Brief Summary and Statement of Need:

The Alaska Scientific Crime Detection Laboratory (ASCDL) administers the breath alcohol program for the State of Alaska. This entails purchasing, calibrating, distributing, and maintaining the fleet (105 units) of breath alcohol instruments (DataMasters) around the state, as well as training operators and supervisors in their use and testifying to their findings. The current instruments are now over 11 years old and require increasing maintenance and support.

Funding:	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	Total
1004 Gen Fund	\$1,300,000						\$1,300,000
Total:	\$1,300,000	\$0	\$0	\$0	\$0	\$0	\$1,300,000

<input type="checkbox"/> State Match Required	<input type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased - new	<input type="checkbox"/> Phased - underway	<input type="checkbox"/> Ongoing
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill	

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Project Development:	0	0
Ongoing Operating:	0	0
One-Time Startup:	0	0
Totals:	0	0

Prior Funding History / Additional Information:

The DataMaster is the analytical instrument used to measure the alcohol concentration in breath samples. This instrument is used along with the testimony of the analysts at the ASCDL in the majority of DUI convictions in the state.

Project Description/Justification:

The current DataMaster instruments communicate via a data-capable modem (analog phone line), which are increasingly rare, expensive to maintain, and have very low data transfer rates. Ethernet is the modern standard for wired communication and is supported by DataMaster; however, their operating system (Windows CE) no longer receives security updates from Microsoft and cannot be connected to the State of Alaska or DPS networks for security reasons. Therefore, it is not possible for the current DataMaster instruments to communicate via Ethernet on the State network and modem lines must be used.

This request also includes \$100,000 for extended warranty at \$860 per instrument.

Once validated, these instruments will need less corrective maintenance and provide better connectivity/data transmission capabilities. This will free up Forensic Scientists and Forensic Technicians to focus on other work.

The cost of DataMaster instrument replacement far exceeds the ASCDL budget in any one fiscal year. Splitting the procurement over multiple years risks multiple instrument versions, which may be problematic for criminal justice systems stakeholders.

Without DataMaster instrument replacement, ASCDL will spend an increasing amount of time and resources repairing and maintaining older instruments. Eventually, these instruments will not be functional and unless an alternate funding source is identified Alaska will not have a functioning breath alcohol program. New instruments will be required to meet Office of Information Technology (OIT) and DPS information technology requirements and securely communicate results via an encrypted internet connection.