



# MERCURY

MOBILE LABORATORY

# MRIGlobal

## THE FIRST TRULY MOBILE, SINGLE-PERSON PORTABLE LABORATORY FOR MOLECULAR BIOSURVEILLANCE.

Our purpose-driven platform has all the equipment you need for a deployable, human-centered laboratory workbench.

Mercury Lab is designed to reduce the time and risk in field-forward advanced molecular diagnostics, biosurveillance, and forensic testing.

It integrates hand-held molecular biology hardware with a power supply, cold-chain storage, computational capacity, a stable workbench, biohazard waste disposal strategies, and other features at the point of need. Mercury Lab lets you process samples on-site, alleviating bottlenecks and dramatically reducing the time to acquire an actionable result.

We constructed Mercury Lab in a single, lockable, grab-and-go case to be wheeled through an airport and checked as luggage, put in the back of a pickup truck, or even strapped to the back of a motorbike. It is set up on site in a few minutes, and packed up just as quickly. In short, Mercury Lab brings the lab to the sample. Named for the Roman messenger god, Mercury Lab will bring the message of genomic data to any place at any time.

## FEATURES

- Ergonomic, stowable, sterilize-able laboratory workbench with spill-control features and an LED overhead work light
- Shelf storage for pipettes and laboratory workflow consumables, configured for easy-access while working at the bench
- Integrated computational hardware: Intel NUC8v5PNK w/ 64 GB DDR4 RAM and 2 TB PCI.e M.2 SSD, linked to a Nvidia Quadro P4000 GPU card with 1,792 CUDA cores. Configurable with choice of OS and comes standard with MRIGlobal's PanGIA real-time metagenomics taxonomy classification software pre-installed.
- Integrated pure-sine-wave AC/DC inverter and hash filtering to allow for safe, effective operation directly from 12V lead-acid car battery, or grid-based power when available
- Two (2) U.S. standard 120V power outlets (or optional 230V E.U. configuration) and two (2) USB 3.0 outlets
- A bracket to house and secure an additional user-selected storage option – choose from; 3.5 L CREDO cold-chain cube, or additional soft-sided, adjustable shelving unit
- Wrap-around windscreen to moderately shield exposed workbench sides from wind and elements



Learn more or get a quote at  
[www.mriglobal.org/mercury](http://www.mriglobal.org/mercury)

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