

New York's Largest COVID Test Lab Chooses PHCbi

Opentrons has been developing robotic solutions to help automate and accelerate laboratory workflows globally since 2014, and their processes have been adopted by labs in over 40 nations. This extensive history and expertise, developed through partnerships across the diagnostic industry, led to creation of the Pandemic Response Labs (PRL) in 2020 and PRL R&D in 2021.

The massive increase in the volume of pandemic-related sequencing by Pandemic Response Lab R&D as well as increased research and development work necessitated adding more cold storage. For that, PRL R&D turned to PHCbi brand products from PHC Corporation of North America.

PHCbi brand biomedical freezers and high performance refrigerators met the need for highly reliable and user-friendly cold storage solutions at Opentrons. Designed for the rigors of busy lab use, PHCbi brand units have a well-known reputation for temperature stability, top-to-bottom freezer temperature uniformity, and quick temperature recovery from door openings.

PHCbi brand ultra-low temperature freezers are also designed with the researcher in mind. Automatic and on-demand vacuum release valves eliminate both "freezer lock-out" and researcher frustration by equalizing the air pressure inside the freezer with air pressure in the lab. These valves

reduce struggles with the door handle and decrease waiting time for pressure to be equalized before the door can be opened. The ergonomically designed handle also facilitates easy one-handed door opening and closing.

"I have not experienced issues with PHCbi equipment - including the compressors and microprocessors - like I have with other companies' products. PHCbi brand products offer peace of mind due to their reliability. PHCbi models save us money in the long run. The upfront investment may be a bit more than other products but there are infrequent, if any, repairs needed."

-PRL R&D Laboratory Manager, Chen Wang

Testimonial



These features combine to enhance the productivity of technicians and researchers at Opentrons, allowing them to focus on the tasks at hand. And these benefits made purchasing PHCbi brand cold storage units an easy decision for PRL R&D.

Pandemic Response Labs provides reliable COVID-19 and surveillance testing and along with PRL R&D, supports a range of pharmaceutical research and development. Their mission of providing the scientific community with a common platform to easily share protocols and reproduce each other's results requires partners like PHC Corporation of North America that provide worry-free equipment.

PHC Corporation of North America is proud to offer ultra-low temperature freezers and CO₂ and multigas incubators for the life science industry. Visit us at phcd.com/us/biomedical to learn more about how our products can help your work through reliable, innovative, and efficient technology.



The EZlatch door handle spans an arc of 45 degrees in total movement for easy operation.



Models MDF-DU702VH-PA and MDF-MU539HL-PA shown.

For information about Pandemic Response Lab visit: pandemicresponselab.com/why-prl

For information regarding Opentron's Robotic solutions visit: opentrons.com



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