



In-Air Pathogen Surveillance Solution

Thermo Scientific™ AerosolSense™ Sampler

Thermo Scientific™ Renvo™ Rapid PCR Test

Help protect those who matter most

From the waiting room to the classroom or the boardroom, EVERY indoor space needs highly accurate air quality information.

- Detect in-air pathogen presence to monitor and improve safety protocols.
- Provide environmental surveillance in absence of other COVID-19 tools of intervention.
- Identify high-risk areas.
- Invest in a solution that's easy to use with minimal training.
- Increase confidence in your organizational safety protocols as state and federal mandates ease.



Move forward with confidence

With highly accurate on-site
air monitoring *and* testing



Thermo Scientific™ AerosolSense™ Sampler acts where it's needed most

Whether in assisted living facilities, classrooms, offices, or other indoor spaces, sampling and PCR testing the air helps identify the presence of SARS-CoV-2, Flu A/B and/or RSV. Increased access to this information lets you be more proactive in establishing the safety protocols that work best for your environment and organization.



A sleek, compact design allows the AerosolSense Sampler to be set up in high-traffic areas where it collects air samples through an omnidirectional inlet. A sample cartridge installed in the sampler contains the collection substrate, which the air sample enters through an accelerating slit impactor. Particles are then trapped on this substrate as the air is drawn through. Once the sample is collected, it is PCR tested. And because it's designed to be easy to use, the process can be completed with very little training.



Act faster with on-site indoor air testing

Know what's in your air within 30 minutes after sampling

Bypass sample transport with Thermo Scientific™ Renvo™ Rapid PCR Test

The Renvo Rapid PCR Test, in partnership with the AerosolSense Sampler, delivers fast and highly accurate air sample results in just 30 minutes after sampling. The combination of air surveillance and PCR testing provides users a way to monitor and test indoor air onsite for SARS-CoV-2.

With a cartridge adapter and stand designed to isolate the operator and provide a secure hold to the assembly during sample extraction, our solution is designed to keep the operator safe while keeping repeatability protected. The cartridge adapter allows for seamless transitions of air samples into the buffer solution. No laboratory required.

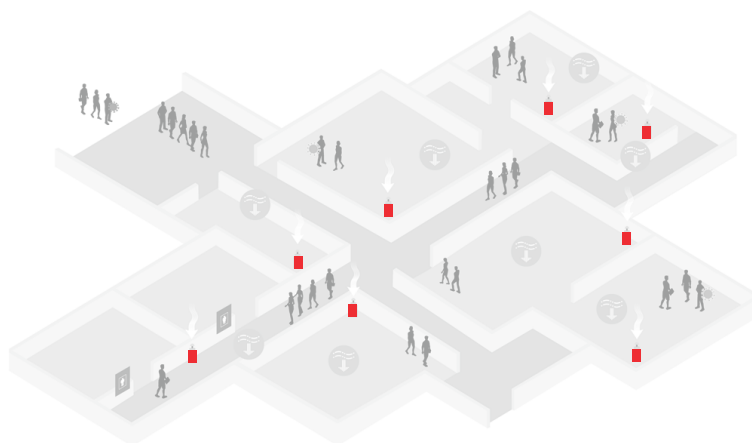


Workflow process

01

COLLECT SAMPLE

Position AerosolSense sampler in an unobstructed, high-traffic location. Install uniquely identified sample cartridge. Capture sample from indoor air during programmed cycle.



02

ELUTE SAMPLE

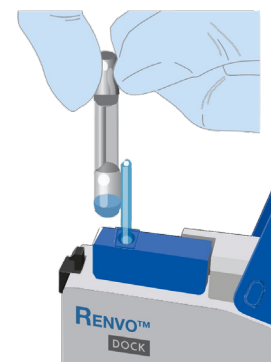
Remove sample cartridge from Sampler. Using the Renvo PCR Test kit, elute the air sample into the cartridge adapter containing buffer solution.



03

LOAD SAMPLE

Insert cassette into dock. Transport sample from cartridge adapter to cassette using pipette. Close lid to begin testing.



04

READ RESULTS

After 30 minutes, remove cassette and visually read results.



The Renvo Rapid PCR Tests is for environmental surveillance use only, not for diagnostic purposes.

Learn more at thermofisher.com/aps
or email us at support.apd@thermofisher.com

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