



CURIS® ENVIROPOD™: REAL-TIME ENVIRONMENTAL INTELLIGENCE FOR EVERY DECONTAMINATION CYCLE

Patent-pending smart hydrogen peroxide monitoring for pharmaceutical

manufacturing, biotech, and biosafety facilities—from dosing through reentry

OVIEDO, FL, UNITED STATES, October 20, 2026 /EINPresswire.com/ -- [CURIS System](#) introduces

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Until now, facilities have had to guess when a space is safe to reenter after decontamination—or rely on instruments that only tell part of the story. The EnviroPod™ changes that conversation.”

Frances Grinstead, Founder and CEO, CURIS System

the CURIS® [EnviroPod™](#)—a compact, sensor-driven monitoring device that delivers real-time hydrogen peroxide, temperature, and relative humidity measurements throughout the entire decontamination process. From sub-ppm reentry concentrations to peak cycle levels, the EnviroPod™ gives facilities the environmental data they need to make informed reentry decisions and maintain a complete record of every treatment cycle.

The EnviroPod™ functions as a reentry safety indicator or integrates directly with CURIS® decontamination systems for coordinated cycle monitoring, networking across

multiple treatment zones, and centralized dashboard reporting. As small as a lunchbox, the device is purpose-built for deployment inside cleanrooms, material airlocks, isolators, and other controlled environments where accurate hydrogen peroxide monitoring is critical.

"Until now, facilities have had to guess when a space is safe to reenter after decontamination—or rely on instruments that only tell part of the story. The EnviroPod™ changes that conversation. It gives your team a continuous, real-time picture from the moment dosing begins through the moment someone walks back in. That's not a small improvement. That's a fundamentally different way to make reentry decisions."—Frances Grinstead, Founder and CEO, CURIS System.

The EnviroPod™ monitors hydrogen peroxide levels across the full span of a vaporized hydrogen peroxide (VPHP) cycle—from peak concentrations during active dosing to sub-ppm levels during aeration and reentry—using a single, protected sensor system designed for accuracy in real-

world treatment conditions. An LED status indicator, visible from every angle, provides at-a-glance cycle status without requiring operators to approach a screen, while data can also be viewed via the CURIS Decon App.

The EnviroPod™ connects via Wi-Fi, Bluetooth, and building automation system (BAS) interfaces, enabling coordinated monitoring of environmental conditions across large spaces. Facilities with restricted network access can operate entirely offline with local data capture for record keeping and compliance documentation.

"We designed the EnviroPod™ so that one sensor system covers the entire decontamination cycle. It had to be accurate in the conditions these rooms actually see, compact enough to place inside an isolator, and tough enough to hold up cycle after cycle. That's what we built."—Carter Palasti, Systems Design Engineer, CURIS System.



The CURIS® EnviroPod™ delivers real-time hydrogen peroxide, temperature, and relative humidity data throughout the entire decontamination cycle—from peak dosing concentrations to sub-ppm reentry levels.

Target applications include cleanrooms, pharmaceutical manufacturing, biopharmaceutical production, BSL 1–4 laboratories, isolators, fill-finish manufacturing, vivariums, material airlocks, cell and gene therapy suites, and research facilities. The EnviroPod™ integrates with the CURIS Decon App for remote monitoring and device management across all deployment scenarios.

The CURIS® EnviroPod™ is available now.

For more information, visit <https://curissystem.com/products/enviropod>, [contact us](#) through our website, or call 1-800-928-8708.

ABOUT CURIS SYSTEM

CURIS System provides autonomous disinfection and biodecontamination solutions for pharmaceutical manufacturing, biotech, biosafety laboratories, animal life science facilities, compounding pharmacies, and controlled environments. CURIS systems use Hybrid Hydrogen Peroxide™ technology with CURoxide™, a 7% hydrogen peroxide formulation carrying an EPA-registered 6-log sporicidal kill claim through a tri-part soil load. CURIS equipment is AMERICAN MADE, and the company is headquartered in Oviedo, Florida.

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