

CUSTOM ENGINEERED SYSTEM (CES)

[CES]



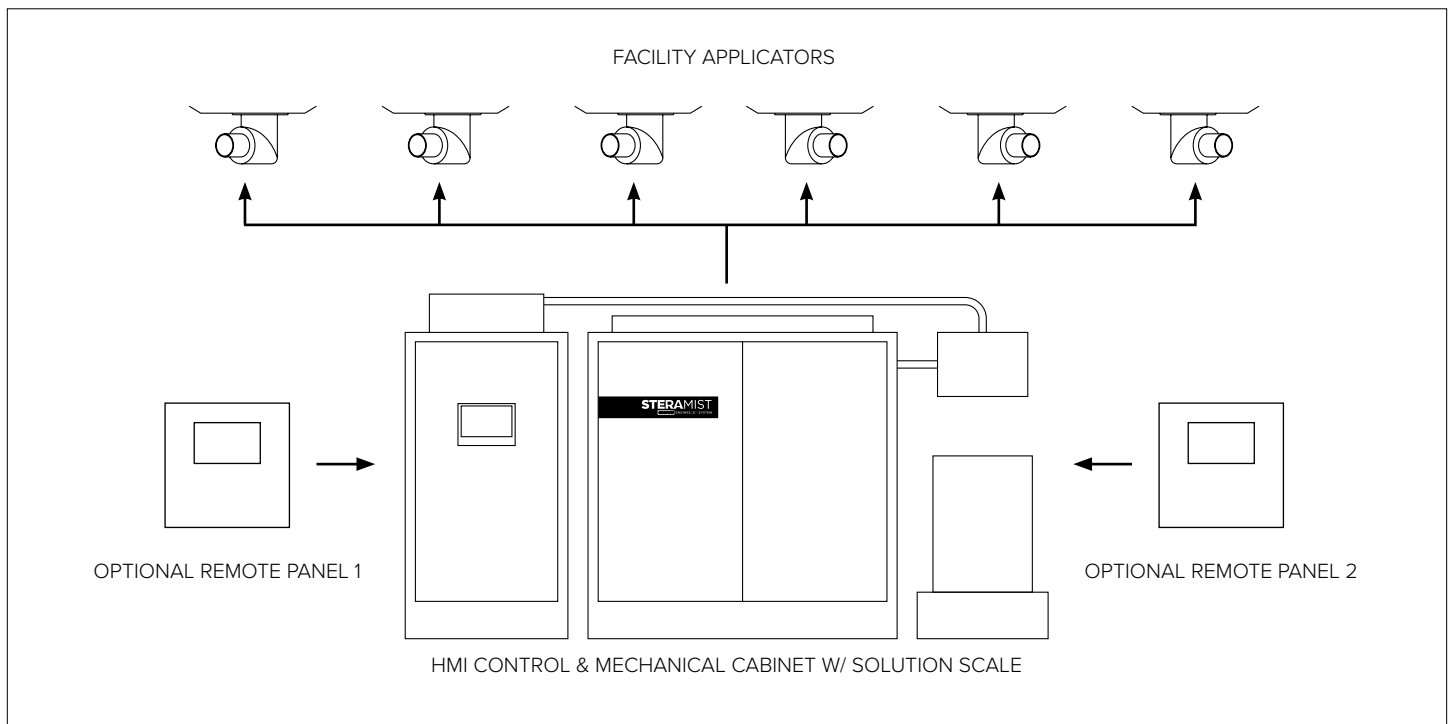
Install SteraMist® decontamination directly into your facility with the fully made-to-order **Custom Engineered System (CES)**. Intelligent and automated, the CES is the largest-scale SteraMist® system designed to decontaminate entire rooms and buildings.

SteraMist® engineers work directly with customers to determine specific facility requirements prior to quoting, following up with remote and on-site planning through every phase of the installation. After finalizing acceptance testing, TOMI™ provides custom cycles, training, and support - including routine maintenance, calibration service, and validation testing as-needed.



ADVANTAGES

- Full control over placement of component cabinet, control points, installed applicators, and more.
- Comply with GxP, Annex 1, 21 CFR Part 11, ISO 9001:2015/14001/35001, and more.
- Fully-customizable input and output configurations for full interoperability.
- Optional start-to-finish qualification & acceptance testing available.



INSTALLATION COMPONENTS & PROCESS

Standard CES installation (Varies per Customer): Self-Contained Central Component Cabinet (Contains Reservoir, Scale, Control HMI, E-Stop), Control Centers/Remote Access Points, Fluid/Air/Electrical Conduits, Installed (Ceiling-Mounted) Applicators

1. Consultation & Quoting	2. Purchase Order & Design Qualification	3. Fabrication & Client FAT	4. System Delivery & On-site SAT	5. Installation & Qualification
SteraMist® integration & decontamination goals are discussed with end users.	DQ package with drawings & P&ID delivered, ensuring client goals are met.	The system is assembled by TOMI™ & overseen by client during process.	Once complete, the SteraMist® CES is delivered & inspected on-site.	System is installed prior to undergoing full performance & operation qualification.



Address
654 Petrolia Road,
Toronto, ON M3J 2W3

Tel: (416) 736-6166
Toll Free: (800) 387 3570
Fax: (416) 736-9346
E-mail: info@betatekinc.com



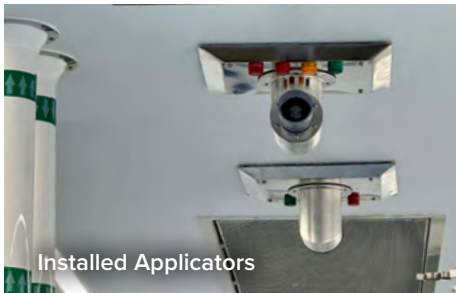


FACILITY INSTALLATION

For larger controlled spaces in need of fully scalable and intelligent iHP® decontamination, SteraMist® can be directly installed into facilities with limitless options for full compliance and a fully-customizable experience designed around unique structures and workflows.

CUSTOM ENGINEERED SYSTEM FEATURES

- Programmable PLC interacts with integrated Dräger™ sensor(s), building HVAC, door locks, alarms, etc.
- Remote HMI control panels (7", 9", 12", 19") can be placed outside of each decontamination area.
- Save up to 20 password-protected user profiles with secure IDs only accessible via administrator.
- Export to physical USB media, network location, or automatic email upon cycle completion.
- Fault detection monitoring includes solution levels, fluid, airflow, and arc with automatic correction.
- Start and stop cycles manually, remotely, or schedule to begin and end at specified time(s) and date(s).
- Place individual HMI control panels and manual E-stop outside of each decontamination area.
- BIT® Solution reservoir sizes available in 10 liters, 5 gallons, or 55 gallon drums for optimal coverage.
- Includes color-coded cycle status/alert lights to ceiling-mounted applicators and optional beacon.
- Central control cabinet connects to applicators up to 500ft away and 20ft high within facilities.



Installed Applicators



Control Cabinet (5-Gallon Reservoirs)



Installed Applicator w/ Alarms



Central Control Cabinet (55-Gallon Reservoir)



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“Steramist® CES increased our research facility biosecurity. We struggled to eradicate [*Corynebacterium bovis*]...
But because Steramist® is safe and effective, we consistently use it anytime, anywhere to reduce bacterial load and cross contamination.”

Dana Farber Cancer Institute, Research Core Facilities Director



Installed Steramist® Applicator (w/ No Visual Cycle Alarm)



Integrated H₂O₂ Monitor



Remote Panel HMI



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