CASPR™
TECHNOLOGIES

VS

CASPR Compact

Continuous Air & Surface Pathogen Reduction (CASPR) technologies utilizes a natural catalytic process to produce non-toxic pathogen fighting oxidizers like hydrogen peroxide to continuously disinfect the air & surfaces.

The full test report is available upon request from casprtech.com.

EXECUTIVE SUMMARY

CASPR vs Electrostatic Sprayers Tested in Active Junior High School

Many schools and other facilities are relying on periodic electrostatic spraying to provide a disinfected environment. CASPR tested an active junior high school classroom post electrostatic spraying and then again post-exposure to CASPR disinfecting technology to see which method provided an environment with less potentially hazardous pathogens.

PRODUCT COMPARISON

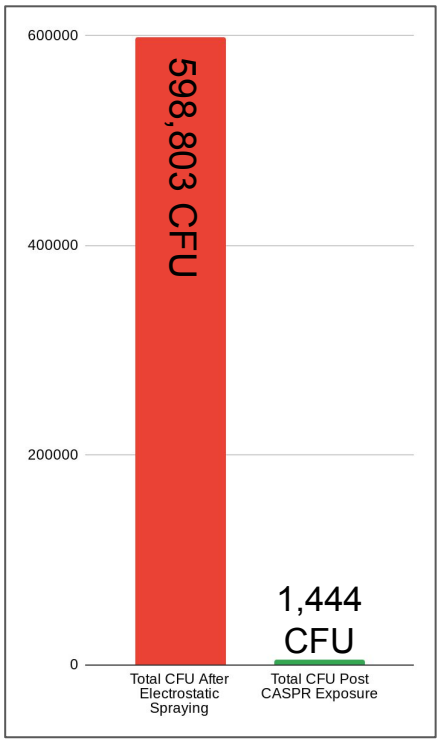
Electrostatic sprayers are used periodically only in unoccupied spaces and require the use of both human resources as well as chemicals, thus incurring ongoing labor and supplies expenses in addition to the equipment purchase and regular maintenance cost.

CASPR units are used continuously on occupied spaces without the need for operator interaction, regular maintenance, or chemical supplies. The only cost is the initial purchase and then a replacement of the NC^2I every 18-24 months at minimal expense.

METHODOLOGY & TESTING

The morning of the tests, the classroom to be tested was cleaned and disinfected using the schools existing procedures which included electrostatic-sprayers. That afternoon, baseline samples were collected from 5 surfaces and 3 air locations. The CASPR Compact unit was then placed into the room and allowed to run for 48 hours prior to collecting the final samples from the same surface and air locations.

RESULTS & CONCLUSIONS



The results of the test show a significant reduction in pathogens when comparing the electrostatic sprayer treated environment to the CASPR environment.

Several surfaces measured with very high CFUs after being treated by the chemical spray including a cart that maxed out the measurement at 570,000 CFUs.

The average post sprayer reading of 74,850 CFUs was **reduced by 99.76%** to only 181 CFUs after the CASPR unit was put in place which provides a safer environment for students and staff members.