

PureLine™



DOPKE™ DECON SYSTEM

The Dopke™ Decon System is a bench top sealed chlorine dioxide treatment system for decontaminating PPE like N95 masks, gowns, glasses, shields etc. The system produces and maintains ~1000ppm ClO₂ gas (not a mist, but a “true gas” that obeys ideal gas laws) within the decontamination chamber for just over an hour to provide 6-Log reduction (sterilization) of all surfaces and fibers (includes layered fabrics and filter mask material) inside and out. The system utilizes PureLine’s patented PureVista™ (PV) chlorine dioxide production canisters to safely and easily produce gas as needed for each decontamination cycle.

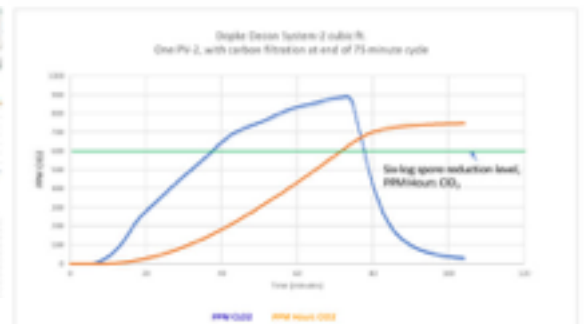
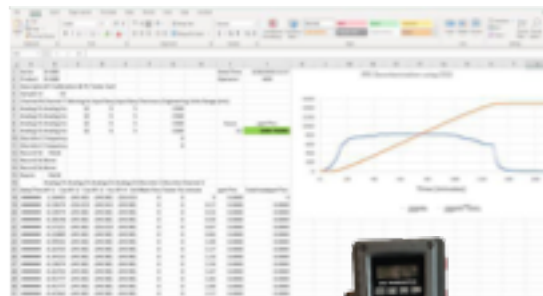
BASE DOPKE™ DECON SYSTEM – Gasketed Transparent Box with PV launching Tray, Sensor Port installed.

The Dopke™ Decon System’s gasketed box is ideal for treating up to 75 N95 masks with chlorine dioxide gas produced using PureLine’s PureVista technology. The Decon Box offers a gasketed seal to safeguard operators from gas leaks, keeping high levels of ClO₂ gas within the container for optimal decontamination. Durable, tight-fitting latches keep the lid secured to the base, and the clear lid and base allow contents to be easily identified, without opening. The 2 cubic foot size is ideal for blankets, clothing, masks, and other PPE that need to be decontaminated. The overall assembly dimensions of this item are 22-1/2” L x 16” W x 15-3/4” H (without ClO₂ gas sensor). ClO₂ can be safely released from the system using a vented hood or other active exhaust or a carbon filter recirculation option can be added.

PureLine
**VIRUS
DECON**



Decontamination and Data Logging



N95 Masks being decontaminated with chlorine dioxide gas with two PV2 cannisters.

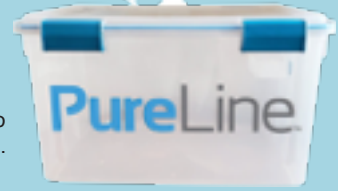
1 hour decontamination requires 2 PV2 cannisters.
2 Hour decontamination requires 1 PV2 cannister.

OPTIONS

LEVEL 1 BASIC

DOPKE BOX

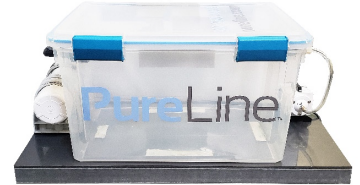
A sealed box, where the masks are placed, will hold and decontaminate up to 75 masks at a time. Must be able to ventilate safely. No gas monitor included.
Box Dimensions: 22-1/2" L x 16" W x 15-3/4" H.



LEVEL 2 PREMIUM

DOPKE BOX WITH CARBON FILTER DEGASSING UNIT

Contains a recirculation carbon filter system to remove chlorine dioxide from the box prior to opening and removing items. This eliminates the need for ventilation or respirators when the system is opened after a decontamination cycle. Carbon filter is rated for more than 25 cycles. Replacement cartridges available. Gas sensor not included.



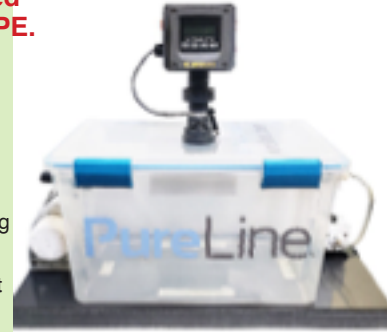
LEVEL 3 ULTIMATE

DOPKE BOX WITH ClO₂ GAS REMOVAL SYSTEM

AND CONCENTRATION MONITOR

System with ClO₂ gas sensor and system for data logging USB connection to a PC. PC software included for monitoring and report generation. Capture, record and store all data for up to 100 decontamination cycles. The concentration monitor measures the gas concentration in the Dopke Box for the 75 minute cycle. The sealed carbon filter air circulation system is installed for scrubbing the ClO₂ from the Dopke Box. Prior to opening the lid ClO₂ levels are reduced to near zero within 15-30 minutes after decontamination is complete. The operator can safely open and remove decontaminated materials without the use of a respirator or exhaust system. Ready to use out of the box.

**Everything you need
to decontaminate PPE.
Ready to Use.**



REQUIRED*

PV2, EACH WITH LAUNCHER*

The chlorine dioxide gas dispenser. 5 to a package (5 chlorine dioxide cannisters and 5 launchers).

Place 1-2 cannisters per cycle.



OPTIONAL ITEMS:

DE-GAS NEUTRALIZATION SYSTEM

Used to neutralize the gas before you open it. Required, if proper ventilation is not available.

DATA LOGGING – PC LINK

Using a PC you can capture all the time and concentration data for all decontamination cycles.

DATA LOGGING – STAND ALONE

Complete stand-alone data logging system. Ethernet based. A PC is not needed for this unit.