

CSI ClorDiSys Solutions, Inc.™

"The Chlorine Dioxide People"

Providing you with gaseous chlorine dioxide solutions for your decontamination needs

Pass-Through Rooms and Chlorine Dioxide

A Chlorine Dioxide pass-through room provides a cost effective method to decontaminate components, parts, supplies, and equipment entering a "sterile" or "clean" facility at room temperatures and without a sterilizer. It provides many of the same benefits as a sterilization chamber but at a fraction of the cost. It also can be better positioned in the workflow patterns involved in the facility's layout.

The pass-through room can be as simple as a room that can be completely sealed and incorporates a ventilation system to first contain the gaseous chlorine dioxide and then exhaust it once the relatively short exposure period is completed.

Either our Cloridox-GMP or Minidox-M can be quickly connected to the room whenever a decontamination cycle is required. The same generator can be used for your holding rooms, procedural rooms, isolation rooms, isolators, biological safety cabinets (BSC), or any other decontamination when not needed to decontaminate the pass-through and its contents. The Cloridox-GMP can also serve triple-duty and be connected to many autoclaves/steam/EtO sterilizers to create a Chlorine Dioxide sterilizer.

Some items which can be decontaminated in the pass-through room include animal racks, cages, trays, carts, instruments, components, computers, processing equipment, supplies, etc. The pass-through can also be used to decontaminate "dirty" equipment leaving an area where the spread of organisms needs to be curtailed.

We can work with your facility people or architects to assist in the design or specifications for pass-through rooms.

The following describes an example application of a pass-through room:

12 ft L x 8 ft W x 8 ft H = 768 cubic feet

Exhaust Rate of 500 cfm

30 minutes condition at 70% RH

60 minutes of exposure at 2mg/L

For a total of **2.2 hour decontamination time** and

a cycle cost of **\$49.28 consumable cost per run**



Call us for more information about the power of a TRUE GAS

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