Why choose chlorine dioxide fumigation?

1. Efficacy

• Complete biocidal spectrum: 
  ClO₂ kills all types of micro-organisms, including spores, bacteria, yeasts, molds, viruses, ...

• Perfect distribution: 
  ClO₂ acts as an ideal gas and will hence uniformly fill the space till the smallest crevices

• Accurate process control: 
  Due to its yellow-green colour, chlorine dioxide is accurately measured with a spectrophotometer. Throughout the decontamination process, the concentration of and the accumulated exposure to chlorine dioxide is continuously monitored.

2. User Friendly

• Material compatibility: Chlorine dioxide has a relatively low oxidation (corrosion) potential, meaning that it is a more selective agent and that it will be gentle for materials. Its corrosion potential is 0,95 V (compared to 1,78 V for hydrogen peroxide and 2,07 V for ozone)

• Quick turn-around time: Short exposure and aeration times

• Volume independent: The same parametric process up to multiple thousand cubic meter.

• Safe: Not explosive at used concentrations and non-carcinogenic.
DECONTAMINATION SERVICES

- Executed by Decon-O-Logic
- Routine or single event
- Proactive decontaminations or emergencies
- 0.1 m³ up to 100.000 m³ (and more)
- Log 6 spore reduction guaranteed through parametric release
- Demonstrated efficacy, eg with BI’s consisting of 10⁶ *Geobacillus stearothermophilus* spores

APPLIED SERVICES

- Laboratories, clean rooms, pharmaceutical manufacturing areas, food processing areas, processing equipment, isolators, BSC’s, ...

DECONTAMINATION EQUIPMENT

- Executed by customer and/or Decon-O-Logic
- Mobile or integrated
- Fully automated device
- Versatile generator incl. analyzer
- Parametric release
- Suited for volumes up to 2000 m³/unit
- Data logging
- Dimensions (cm) 76 W x 142 H x 61 D

APPLICATIONS

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Equipment decontamination: isolators, BSC’s, ...

Individual decontamination of rooms, laboratories, manufacturing areas, ...

Simultaneous or individual decontamination of rooms, laboratories, manufacturing areas, ...

- Laboratories, clean rooms, pharmaceutical manufacturing areas, food processing areas, processing equipment, isolators, BSC’s, ...

WWW.DECONOLOGIC.COM
Let us tell you more about the performance of chlorine dioxide

DECON-O-LOGIC
Brings decontamination to a higher level.

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