



## SCENTROID SP50 Oxidisation Purger

The Scentroid SP50 Oxidisation Purger is a revolutionary device designed to provide an effective and reliable cleaning solutions for olfactometers, sample bags, PTFE lines, and other equipments which may be contaminated with odours.

### ► Oxidisation Purger applications

The SP50 provides a mixture of clean air with oxidation gases such as ozone and hydroxyl to effectively decontaminate sampling Tedlar or Teflon Bags, sampling probes, or sampling lines.

The mixture is injected, with the desired concentration to allow high levels of decontamination either, remaining contaminants, bacteria or fungus.

The SP50 has been built with safety in mind, the purger has a built in-carbon filter that scrubs and cleans the contaminated air coming from the equipment that is being cleaned such as bags or probes, before it is released into the laboratory.

### ► Fully automated operation

SP50 provides complete automated operation by injecting ozone and then switching to vacuum mode on a predefined cycle frequency.



### ► Adjustable purge for ozone intensity

The SP50 inject ozone at exact concentration that you want. You can adjust the concentration per your need, the higher you go the quicker your product get disinfected.

### ► Rapid disinfection

The SP50 Oxidisation purger use oxidising molecule such as ozone and hydroxyl to quickly and effectively decontaminate and disinfect all sampling equipments including PTFE tubes, sample bags, and probes.

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➤ Oxidation Purger basic of operation

**Mode1: Continuous ozone injection.**

This mode is used when the user wants deeper cleaning of sampling bags or probes.

- Ozone concentration is set on the unit by the operator.
- The unit provides continuous mixture Ozone-clean air for better decontamination results.

**Mode1: User ozone injection.**

This mode is used to quickly clean sampling bags or probes.

- Operator sets the ozone concentration levels.
- The unit injects clean air in continuous mode and ozone when the user press the "Inject ozone" button.

➤ Oxidation Purger capabilities:

- Adjusted ozone concentration
- High vacuum up to -0.95 Atm.
- Selective cycle time settings
- Selective ozone injection (Continuous/User)
- Built-in carbon filter on inlet and exhausts ports
- Quiet operation.

➤ Benefits of oxidation:

Oxidation, is a powerful tool for decontamination. Ozone has been demonstrated its decontamination capabilities vs. formaldehyde for bioclean rooms, and high neutralizing effects for several pollutants.



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