



SP50 Oxidization Purger

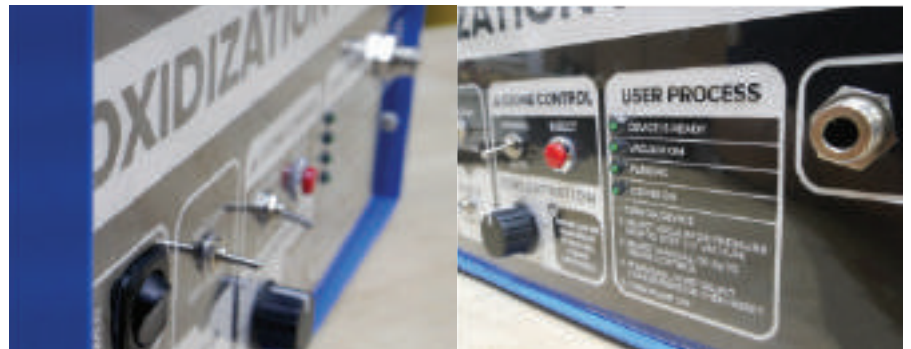
Your One-Stop Cleaning Solution

The Scentroid SP50 Oxidisation Purger is a revolutionary device designed to provide effective and reliable cleaning solutions for olfactometers, sample bags, PTFE lines, and other equipment that may be contaminated by odours. The SP50 provides a mixture of clean air with oxidization 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 of any 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 contaminated air coming from the equipment being cleaned before it is released into the laboratory reusable bags.

Benefits of Oxidization

Oxidization is a powerful tool for decontamination. Ozone has demonstrated its decontamination capabilities vs. formaldehyde for bio clean rooms, and high neutralizing effects for several pollutants.



Rapid Disinfection

The SP50 uses oxidising molecules such as ozone and hydroxyl to quickly and effectively decontaminate and disinfect all sampling equipment including PTFE tubes, sample bags, and probes



Adjustable Purge for Ozone Intensity

The SP50 injects ozone at the exact concentration which you require. The concentration can be adjusted based on need



Fully Automated Operation

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

MODE 1

Continuous Ozone Injection

Used when a deeper cleaning of sample bags or probes is desired

- The operator sets the ozone concentration levels
- The unit provides continuous ozone cleaned air for better decontamination

MODE 2

User Ozone Injection

Used to quickly clean reusable sample bags or probes

- The operator sets the ozone concentration levels
- The unit injects clean air in continuous mode and ozone with the user presses the "inject ozone" button

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| Concentration | Adjustable ozone concentration |
| Vacuum Power | High Vacuum, up to -0.95 atmospheric pressure |
| Cycling Time Setting | 1L to 50L sample bags |
| Injection | Selective ozone injection (continuous/user) |
| Ports | Built-in carbon filter on inlet and exhaust ports |
| Noise | Quiet operation |