

High Flow Ozone Destruct Unit

3-SCFM Ozone Destruct Unit for Rent

The simple and popular ODS-3 is now available for rent. The ODS-3 is perfect for lab application or excess ozone needs to be brought back to oxygen. Simply plumb the excess ozone into the ODS-3 and be certain the effluent will be completely safe for all personnel in the area.

The ODS-3 can be shipped anywhere in the US, Mexico, or Canada for rental needs. Reduced rental rates are also available for longer period of times, call for details.



Features

- Low Cost Rental Option
- 99.9% efficient
- constructed of 304 stainless steel
- 3-SCFM flowrate at up to 10% ozone
- rechargeable
- O₂ & heat are the only by-products
- quick & easy hook-up

Product ID: **ODS-3 Rental**
 Stock: **Yes**

Specifications

[b]Rental Information:[/b]

Rental Terms:	Rental period starts when unit arrives, and ends when it is shipped back. The shipping time does not count against the rental period.
Availability:	We have 1 ODS-3 Ozone Destruct Unit for rent. Please call to ensure availability or to schedule a delivery date.
Shipping Method:	The ODS-3 ships via UPS, Fed-Ex, or USPS in a heavy duty cardboard box with completely reusable shipping materials.
Return Shipping:	The ODS-3 is shipped in a sturdy box, with all reusable shipping materials. Simply repackage the ODS-3 and ship back via and standard parcel service.
Shipping Cost:	Please use the calculate shipping option on the top of this page.
Shipping Weight:	12 lbs

[b]Product Specifications:[/b]

Process Flowrate	3-SCFM (85 lpm)
Efficiency	99.96%
Connections	3/4-in FNPT
Max ozone concentration	10% by wt. (143 g/m ³) dry ozone gas
Water in Gas Stream	Absolutely none - Unit can accept only dry ozone gas
Material of Construction	304 Stainless Steel
Rechargeable	Yes - put in oven at 350-deg F for 3 hours
Pressure Drop	maximum of 0.25 psig at rated flow (3-SCFM) (85 lpm)
Dimensions	3.5-in diameter x 16-in long (9-cm dia x 40-cm long)
Weight	9-lbs (4 kg)

ODS-3 End View



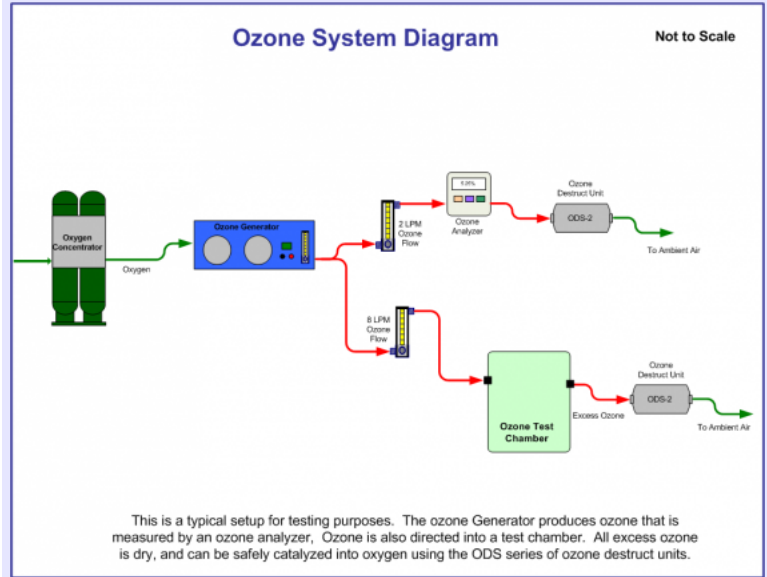
The connections on the ODS-3 are standard 3/4-in FNPT. This fitting has a screen secured on the inside. New desiccant can easily be added by removing the fitting.

Ozone Destruct on Electric Motor



Image shows a small ozone destruct unit on a refiner electric motor. Each motor produces 19,000 Hp @ 12.8 kV. This voltage generates a tremendous amount of ozone which is quickly destroyed with the destruct unit.

Diagram of ODS-3 in use



This diagram shows 2 possible uses of the ODS-3 Ozone Destruct Unit in use.

Ozone produced by an ozone generator and measured by a high concentration ozone analyzer must be catalyzed back to oxygen to be safely reintroduced into the ambient air.

Test chambers are commonly used to test various materials with high concentrations of ozone. The excess ozone from these chambers must be vented and have the ozone broken down to oxygen to be safely vented into the atmosphere.

We Custom Build Units!



An order of 3 or more gets you any connections you want for no extra labor charge! This customer wanted 1.25 NPT connections on the inlet & outlet.

ODS-3 with 1.25 NPT Connections



We make these unit to fit your needs. This image shows 1.25-in MNPT (left unit) and 1.25-in FNPT (right unit) Stainless Steel connections.