

Turnkey Ozone Injection System

Ozone Injection System in Weather-tight Enclosure

The OS-100 is a fully enclosed and automated ozone generation system. This unit is capable of preparing process air for ozone generation, generating the desired amount of ozone, and pressurizing it for use in soil remediation or water treatment. The equipment is kept at a constant temperature & humidity to ensure years of uninterrupted service.



Features

- Up to 60 gm/hr of ozone production on one skid (30 gm/hr shown)
- Up to 6 PPM dissolved ozone levels
- Can withstand all weather conditions
- Completely automatic operation reduces human intervention
- No maintenance for 2-5 years
- ASME stamped SS contact tank

Product ID: **OS-100**

Lead Time: **5 weeks**

Specifications

Safety Features
Contact Tank Size
Wetted Materials
Ventilation Fan
Mobility/Placement
Controller Features

Ozone leak detection & equipment shutdown - external relay contacts can be initiated
20 Gallons (76 liters)
304 & 316L stainless steel, Kynar, Teflon & Viton
Yes - keeps enclosure positively pressurized to keep dust & insects out
Comes with fork lift skids & lift hooks for easy placement

PLC Operation & Control
Water Pump & Ozone Generator ON/OFF Control
Ambient R.H. High Interlock
Low Oxygen Pressure Interlock
Ozone Leak Interlock
High Temperature Interlock
Total Ozone Production Hour Meter
Individual Batch Treatment Hour Meter
O₂ gas flowmeter
O₂ Pressure Guage

OS-100 Front



Front view of the OS-100 showing oxygen concentrator, oxygen tank & ozone generation equipment.

Air Vent on OS-100



Air vent on top of OS-100 SS Contact Tank. Air ven removes undissolved ozone & air to keep the tank full of ozonated water allowing an adequate contact time.

OS-100 Pipes



Water Inlet, drain, relief valve, & water outlet pipes. They are all in one convenient location for easy hookup.

Controller & HC-30



Controller (top) & HC-30 Ozone Generator (bottom) provide the brains & brawn for ozone to oxidize contaminants and keep the system operational for many years.