

CH-2 Ozone Chamber



The CH-2 Ozone Chamber is a turnkey ozone environmental chamber with a range of 0-1,000 PPM. The chamber is automated and simple to use; perfect for testing objects to meet the required testing configurations.

CH-2 TECHNOLOGY

The CH-2 features completely automated operation, choose your desired ozone level and treatment time, then press start. Ozone levels will be maintained automatically for any period of time pre-set into the easy to use touchscreen interface with no human interaction required.

Current and past operation will be displayed on the touchscreen display. Integrated data logging is included in the system and trend graphs are available on the color display to visually determine past ozone levels and temperatures.

Ozone levels in the chamber are measure by a UV based ozone analyzer for precise measurement and control of the desired ozone levels in the chamber.

The Ozone Destruct Cycle is completed after the testing time is complete to alert users when the ozone levels are safe and the chamber can be opened.

APPLICATIONS

- Accelerated age material testing
- Scientific studies/research
- Surface Adhesion Testing
- Research and Development
- Odor Removal

OPTIONAL CHAMBER DIMENSIONS

Chamber Volume (ft3)	Overall Dimensions (W x H x D) inches	Chamber Dimensions (W x H x D) inches
1.5	30 x 18 x 10	15 x 18 x 10
2.3	40 x 20 x 10	20 x 20 x 10
3.3	44 x 24 x 10	24 x 24 x 10
5	50 x 24 x 12	30 x 24 x 12

LARGER SYSTEMS ARE CUSTOM BUILT TO CUSTOMERS EXACT DIMENSIONS AND ARE ALUMINUM AND STAINLESS STEEL CONSTRUCTION

FEATURES

- Temp control with integrated heater
- Integrated O3 destruct unit
- Door interlock for safety
- Automated Operation
- Ozone and exposure time user settable
- LCD touch screen interface
- Ozone control
- Precise Ozone Measurement
- Record data and export to a computer
- Integrated Data Logging
- Stainless Steel Housing
- Large viewing window
- Remote Monitor (Optional)
- Testing Standards: ASTM D 1149, ISO1431, K6259



SPECIFICATIONS

Ozone Measurement Range	0 – 1,000 ppm
Ozone Measurement Resolution	0.01 ppm
Ozone Measurement Principle	UV absorption
Ozone Measurement Accuracy	+/- 2%
Ozone Generation	UV Light
Voltage	120 Vac 50/60 Hz (3 amps)
Mounting	Bench or Wall Mount

CHAMBERS ARE MADE IN THE USA

Oxidation Technologies, LLC.

214 W Highway 18
Inwood, IA 51240

(515) 635-5854

Sales@oxidationtech.com

www.oxidationtech.com