

CSI ClorDiSys Solutions, Inc.™

"The Chlorine Dioxide People"

Providing you with gaseous chlorine dioxide solutions for your decontamination and sterilization needs

ClorDiSys EMS™

Description

The ClorDiSys EMS (Environmental Monitoring System) provides the ability to monitor chlorine dioxide concentration, relative humidity (RH) and temperature of a chamber. It displays these values on a easy to read display. The instruments are all of rugged, industrial quality and easy to calibrate to NIST traceable standards. With the ClorDiSys Solutions, Inc. chlorine dioxide monitoring system, the user can monitor concentration independent of the method of generation. The EMS unit provides precise and repeatable concentration monitoring by measuring the gas concentration at various wavelengths. The unit is not affected by high temperatures or humidity as some sensors are. The sensor also does not become saturated as with chemical methods of sensing. This enables accurate readings, without delay, even after measuring high concentrations. Our RH/TT sensor is also able to stand up to repeatable and frequent chlorine dioxide exposures unlike many others.



ClorDiSys EMS
Dimensions 22"W x 20"H x 11"D
Weight 45 lbs

Why use the ClorDiSys Solutions, Inc. gas generators and monitors?

- short cycle times
- does not condense out or breakdown during the process
- precise concentration monitoring
- generates a true gas
- excellent distribution into hard to reach areas
- quick aeration (can literally be minutes)
- does not require tight control of dew point temperatures
- gas concentration feedback to control system
- no down time between cycles
- portable
- rugged and reliable industrial components
- quality construction
- quick connection to chamber
- extremely low residuals
- simple to validate
- complete cycle automation
- easy to use touch screen operator interface
- detailed cycle reporting
- recipe management
- historical and real time trending
- no liquids in process
- quick consumable replacement
- no manual wiping or neutralization
- no concern for condensation as with hydrogen peroxide
- long life span when compared to ozone
- non-carcinogenic
- non-flammable

Utility Requirements

120 VAC Power <2A

Monitoring Ranges

CD Concentration	0 – 30 mg/liter
RH	10 – 90 % Rh
Temperature	0 – 60 C

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