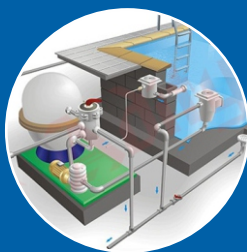


CHLORINE DIOXIDE GENERATORS

TERSUS® ClO₂ “M” Series

TYPICAL APPLICATIONS

- ◆ Pharmaceuticals
- ◆ Food, Beverages and Breweries
- ◆ pseudomonas/pathogens control
- ◆ Hospitals, Hotels & Public Services, Indoor/Outdoor Swimming Pool
- ◆ Drinking Water
- ◆ CIP Sanitization & ETP, STP Waste Water Treatment
- ◆ Legionella Prevention
- ◆ Black Water & Grey Water
- ◆ Cooling Towers – Cooling Water (CW) Scaling & Biofueling Control



MODEL NO	CAPACITY
TERSUS® ClO ₂ M100	100gm/h
TERSUS® ClO ₂ M200	200gm/h
TERSUS® ClO ₂ M300	300gm/h
TERSUS® ClO ₂ M500	500gm/h

KEY BENEFITS

- ◆ TERSUS® ClO₂ “M” series ensures safe & effective ClO₂ production.
- ◆ Wide range available for required use.
- ◆ The factory precise set limit for constant generation.
- ◆ Intermittent and continuous dosing options with unique process design for user friendly operation.
- ◆ High precision PLC operated dosing pumps for precursor feeding.
- ◆ 50 lt carboy / 200 lt drum / 1000 lt IBCs for precursor storage with suction lances (optional).
- ◆ The pipes for dilution water & chemicals are colour coded.
- ◆ Plug-In play design with minimal installation.
- ◆ Safe Underwater Technology based ClO₂ generation
- ◆ CFR 21 compliant PLC.



TERSUS

CIO₂ DISINFECTION SYSTEM

CHLORINE DIOXIDE GENERATORS

TERSUS® CIO₂ "M" Series

TECHNICAL DESCRIPTION

The Chlorine dioxide is a high potential disinfectant which works in different water application. The "M" series CIO₂ system unit is specially designed in such a way that same can be used for Industrial as well as Commercial disinfection use. The "M" Series CIO₂ system unit is produced with safe production of an aqueous CIO₂ solution with constant purity. A multifunction dosing pump provided to each precursor chemical.

Each chemical line is equipped with ultrasonic flow meter for precise chemical flow measurement. 7.5% NaClO₂ & 8.5% Hcl chemical mixing takes place in CIO₂ generator reactor under dilution water closed circuit loop. After generation, CIO₂ enriched solution is fed into inline pipe dosing or tank/sump as per dosing requirement.

SPECIFICATIONS

- ◆ Capacity: 50 - 500g CIO₂/h
- ◆ Concentration of chlorine dioxide produced upto 0.75 g CIO₂/l
- ◆ Sodium chlorite used 7.5%
- ◆ Hydrochloric acid used 8.5%
- ◆ Process water pressure 2-4 bar
- ◆ Process water temperature upto 35°C
- ◆ Operating temperature upto 35°C
Humidity max. 90%

Net weight Max: 90 kg

External dimensions:

(W x H x D) 700 x 900 x 70mm (± 50 mm)

Manufacturer Warranty: 12 months

Calibration Factory Tested

Scope of operator's activities:

Periodic replenishment of reagents, system flushing if necessary and calibration of metering pumps.

Control & Electricals:

Power supply 230 V, 50 Hz & Protection max. 6 A Power 0.12 kVA

Display 7" Touch Screen HMI, enabled system operation graphics & alarm functions



PWSPL-CIO₂-M-SERIES

CONTACT US

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