# LOTUS EASY

## Chlorine Dioxide Generator

Data Sheet

## LOTUS EASY

LOTUS EASY is the best solution if you want a simple but professional way to produce Chlorine Dioxide, an integrated All-in-One Controller with two metering pumps.
Chlorine Dioxide produced by LOTUS EASY can be proportional to the circulating water flow or based on a measured setpoint, it is then dosed into the water flow.
LOTUS EASY is designed so that the reaction to produce chlorine dioxide takes place in a reaction chamber.

LOTUS EASY system has got:
- LOTUS control instrument
- WD LOTUS double pump heads
- 2 SEFL flow sensors as security
- MFKT/V multifunction valve as pressure, safety, anti-syphon and bleed valve
- reaction chamber
- static mixer
- bypass pipeline with no-return valve and flow meter
- injection valves

GAS SENSOR OPTION
LOTUS EASY with gas sensor detection.

### ADVANTAGES

- Reaction at controlled pressure
- High degree of stability of the chlorine dioxide solution
- No ClO2 loss due to closed reaction chamber
- Diluted chemicals

### FUNCTIONS

- Instantaneous ClO2 production
- ClO2 dosing in proportional mode
- Water meter input
- Out of range voltage alarm
- Main voltage control
- Stand-by input
- Real time production data
- Pumps and SEFL flow sensors monitoring
- mA (0-20mA) input
- Service due date

### FEATURES

- ClO2 concentration: 2 gr/l
- Level alarms
- 2 SEFL pump dosing check
- MFKT/V multifunction valve as pressure, safety, anti-syphon and bleed valve
- PVC reaction chamber
- Wheel control for easy programming
- 600 x 800 mm panel mounting
- by-pass diametre: DN40
- Working temperature: 0/45°C (32/110°F)

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Specifications subject to change without notice | R2025

emec SIMPLE AS WATER

IQNET CERTIFIED MANAGEMENT SYSTEM
qualityaustria SYSTEM CERTIFIED
ISO 9001:2015 No.07728/0
ISO 14001:2015 No.00997/0
ISO 45001:2018 No.01121/0

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| | LOTUS EASY 8 | LOTUS EASY 20 | LOTUS EASY 40 | LOTUS EASY 80 |
|---|---|---|---|---|
| ClO2 max capacity (g/h) | 8 | 20 | 40 | 80 |
| ClO2 max capacity (g/day)* | 192 | 480 | 960 | 1920 |
| Max chemicals consumption (l/h) | 0.2<br>0.2 | 0.5<br>0.5 | 1.0<br>1.0 | 2.0<br>2.0 |
| Max pressure | 8 bar | | | |
| Concentration (g/l) | 2 g/l | | | |
| Power supply | 230 VAC (190/265 VAC)<br>115 VAC (90/135 VAC) | | | |

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