

Chlorine Dioxide Generator



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 diameter: DN40
- > Working temperature: 0/45°C (32/110°F)

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Data Sheet

Chlorine Dioxide Generator

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