

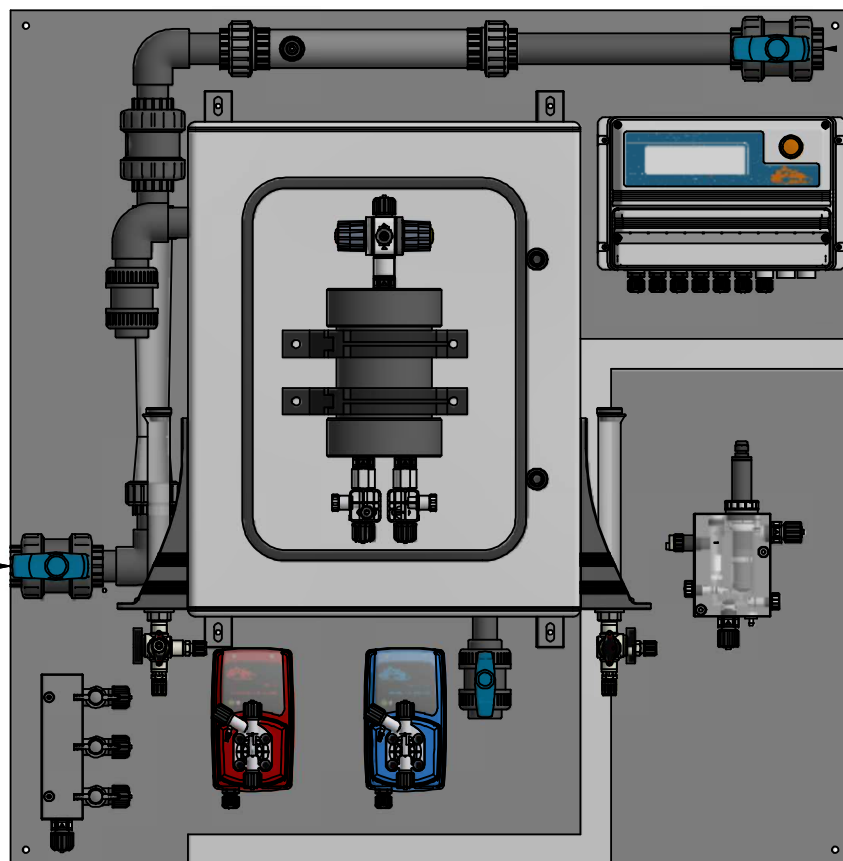
Chlorine Dioxide Generator

"LOTUS MAXI"

LOTUS MAXI is the largest product of our family of generators of Chlorine Dioxide. It is used in all those cases in which there is need of a big production, such as large water treatment plants. Chlorine Dioxide produced by LOTUS MAXI is set to be proportional to the circulating water flow or based on a setpoint, it is then dosed into the water flow.

LOTUS MAXI system has got:

- LOTUS control instrument
- HCl (red) and NaClO₂ (blue) metering pumps
- PCV reaction chamber
- level alarm for Chlorine Dioxide leaks
- collector for water
- bypass pipeline with no-return valve and flow meter
- 2 SEFL flow sensors as security
- MFKT/V multifunction valve as pressure, safety, anti-syphon and bleed valve
- reaction chamber
- injection valve
- 2 LASP4 (LASP4/V40) suction lances with level probe and coloured nuts. For 30 litres tanks
- static mixer
- double calibration beker



LOTUS MAXI 80, 160, 240 e 400

GAS SENSOR OPTION

LOTUS MAXI with gas sensor detection.

ADVANTAGES

- > Reaction at controlled pressure
- > Large-scale applications
- > 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
- > Flow control input (flow alarm)
- > Tank level controls (level alarms)
- > Water meter input
- > Stand-by input
- > Real time production data
- > Pumps and SEFL flow sensors monitoring
- > Permanent data storage with system data log (on Logbook menu)
- > ERMES communication
- > mA output
- > USB data log (option)
- > Ethernet module (option)
- > GSM/GPRS internal modem (option)
- > Service due date

FEATURES

- > ClO₂ concentration: 2 gr/l
- > Flow control input (flow alarms)
- > Tank level control (level alarms)
- > HCl (red) and NaClO₂ (blue) metering pumps
- > 2 SEFL flow sensors as security
- > MFKT/V multifunction valve as pressure, safety, anti-syphon and bleed
- > PVC reaction chamber
- > ASA (Acrylonitrile Styrene Acrylate) enclosure
- > IP65 protection (NEMA4x) of LOTUS control instrument and pumps
- > Wheel control for easy programming
- > Working temperature: 0/45°C (32/110°F)
- > mV or ClO₂ or temperature reading (on request)



LOTUS MAXI

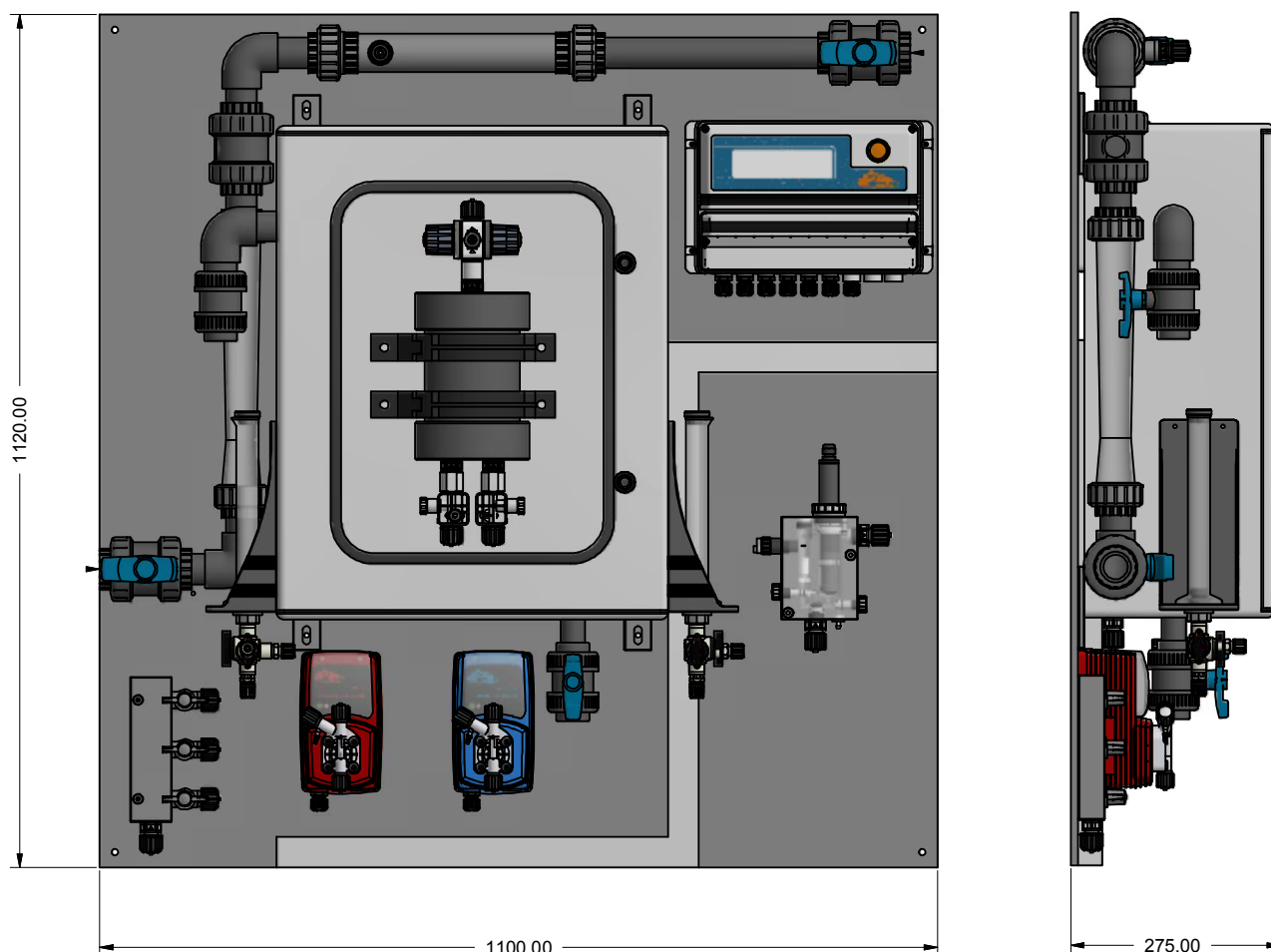
Chlorine Dioxide Generator

Data Sheet

	LOTUS MAXI 80	LOTUS MAXI 160	LOTUS MAXI 240	LOTUS MAXI 400	LOTUS MAXI 600	LOTUS MAXI 1000
CIO ₂ max capacity (g/h)	80 g/h	160 g/h	240 g/h	400 g/h	600 g/h	1000 g/h
Max pressure (bar)	8	8	8	8	5	4
Max chemicals consumption (l/h)	2.0 2.0	4.0 4.0	6.0 6.0	10.0 10.0	15.0 15.0	25.0 25.0
Concentration (g/l)	2 g/l					
Power supply	230 VAC (190/265 VAC) 115 VAC (90/135 VAC)					
Maximum power consumption (W)	44	44	44	56	96	96
Weight	50	60	60	65	70	70

LOTUS MAXI Dimensions

[mm].



LOTUS MAXI

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LOTUS MAXI Dimensions

[mm].

