

OXYDOS

FUNCTION DESCRIPTION

Dosing system for the dosing of oxygen granulate for a chlorine free disinfection of residential swimming pools. This product is a real alternative to the dosing of liquid hydrogen peroxide. The granulate is dosed directly from the integrated hopper into a dissolving tank from where the solution is conveyed into the swimming pool circulation via a booster pump. The water supply is controlled by a floating valve. The system can either be operated with fresh- or swimming pool water. The water level in the dissolving tank is regulated by two level switches. The power supply has to be interlocked with the filtration system. The dosing is controlled by an individually adjustable week timer. Operation and visualisation by a 3,2" Touch-Graphic display. Algicide can be dosed optionally by a peristaltic pump that will be integrated into the system (time controlled).

The system is useful for swimming pools from app. 30 - 200 m³ pool volume.

Producers of the chemical recommend to dose app. 15 - 30 g/m³ pool volume / week oxygen granulate. The oxygen content in the water shall be app. 10 - 30 mg/l.

SCOPE OF DELIVERY

Housing:

Solid one part rotational sintered PE shape green containing all functional parts.

Granulate dosing:

Dosing hopper for max. 15 kg oxygene granulate, dosing motor, dosing screw, bridge breaker for the support of the dosing.

Dissolving system:

Dissolving tank, booster pump (800 - 1000 l/h at 1,2 bar). Level monitoring in the flushing tank.

Micro processor controller NT35:

Controller with intuitive 3,2" Touch-Graphic display to set the dosing performance and to indicate possible faults in plain text.



TECHNICAL DATA

Electrical supply	230 V/AC 50 Hz
Power supply	400 W
Water supply	DN15
Water outlet to injection point	DN15
Measures (W/H/D)	650 x 950 x 550 mm
Weight	app. 30 kg
Dosing performance oxygene granulate	5 kg/h
Dosing performance algicide (optional)	3 l/h
Pre-pressure min.	0,4 bar
Back-pressure max.	0 - 1,5 bar, depending on pre-pressure

TO BE PROVIDED BY THE BUILDER

- Power supply
- Supply tubing and tubing to the injection point
- Tubing of the overflow to the drain

ACCESSORIES / OPTIONS

- Dosing pump for algicide

