

GRANUDOS 10-TOUCH

Dosing station for calcium hypochlorite granulate and acid for the disinfection of swimming pool water.

FUNCTION DESCRIPTION

Chlorine dosing directly from integrated hopper 5 kg. Acid is dosed into the system directly from the canister to correct the pH and to avoid scaling. Chlorine and acid are dosed separately in intervals to the dissolving system and are dissolved completely. Then the chlorine solution is conveyed by a venturi nozzle to the pool water. Dosing manually or linked to an external control system. All functions are permanently monitored.

Operation and visualisation of all functions by user-friendly 7" graphical Touch Display.

Optional function: In parallel to the chlorine supply of the main pool, a buffer tank can be filled with chlorine solution with an adjustable concentration to supply further pools with chlorine via dosing pumps.

SCOPE OF DELIVERY

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

Chlorine dosing: Dosing hopper for chlorine granulate for 5 kg, dosing motor, dosing screw, knocker to support the dosing.

Acid dosing: Peristaltic dosing pump, suction lance with empty report of the canister, dosing valve 3/8" in the dissolving system.

Dissolving system: Pre-filter d 75, flushing tank, booster pump app. 1000 l/h at 1,2 bar, venturi, mixing cyclone. Monitoring of the pump by pressure switch. Monitoring of the suction performance of the venturi. Level monitoring in the flushing tank.

Control techniques:

- Coloured 7" Touch-Graphic display to indicate the current status of the unit and the operation parameters
- Simple and clearly arranged user guidance of the screen
- Faults and alarms are illustrated by self-explaining icons
- With integrated meter for chlorine consumption
- Integrated test programmes for all functions
- Monitoring of all control components of the system
- Operation languages: German, English and French
- Event storage (data logging)

Interface: USB for data export

Remote indication via browser driven devices (e.g. tablet or smartphone)

- Indication of the current operational states, errors and alarms



TECHNICAL DATA

Electrical supply	230 V/AC 50 Hz
Power supply	0,39 kW
Water supply	DN20
Water outlet to injection point	DN20
Measures	W 80 cm x D 60 cm x H 130 cm
Weight	app. 35 kg
Dosing performance oxygene granulate	0,1 - 2 kg/h
Dosing performance algicide (optional)	1 l/h
Pre-pressure min.	0,2 bar
Back-pressure max.	1,2 bar (optional 1,8 bar)

TO BE PROVIDED BY THE BUILDER

- Power supply
- Supply tubing and tubing to the injection point
- Tubing of the overflow to the drain
- Autocontrol system to control the dosing of the chemicals

ACCESSORIES / OPTIONS

- Adapter for bigger dosing hopper 10 kg or 15 kg
- Adapter for different 10 kg buckets
- Optional for the dosing of Dichlor
- Autocontrol system
- Programmed for GRANUDOS-PB function for operation with buffer tank

