

ODITouch

Analysis, measures, regulations

SINGLE POOL
MULTI-PARAMETERS



ODITouch

AN OPTIMAL WATER QUALITY

The simple solution for water treatment in public swimming pools.
Single pool and multi-parameter management.

MEASUREMENTS POSSIBLE

Temperature, pH, Redox, Free chlorine - active - total, Bromine seawater, Ozone, Stabilizer, Turbidity, Conductivity, Flow rate...

Chemical calculations :

- CHLORAMINES
- Active chlorine
- Salinity...



POSSIBLE CONFIGURATIONS

- ◆ pH, Free chlorine
- ◆ T°C, pH, Free chlorine
- ◆ T°C, pH, ORP, Free chlorine
- ◆ T°C, pH, Free chlorine & Total Chlorine
- ◆ T°C, pH, ORP, Free Chlorine & Total Chlorine

Available in:

- ➔ Set: controller + probes + measuring cell
- ➔ Panel : pre-mounted and pre-wired panel including controller + probes + measuring cell + filters

APPLICATIONS

Municipal and collective swimming pools, campsites, hotels, thalassos...



SIMPLICITY

- Easy to use device
- Intuitive operation with large touch-screen monitor
- Configurations adaptable to customer needs :
all pool volumes and several possible actions
- Management of all types of chlorine (stabilized or not)



SECURITY

- USB port for backup data, configurations and updates
- Dosing stop on high and/or low alarms and on background of chemical tank
- Maximum dosing time programmable day-to-day
- Possible enslavement of dechloraminators or ozone generators



EFFICIENCY

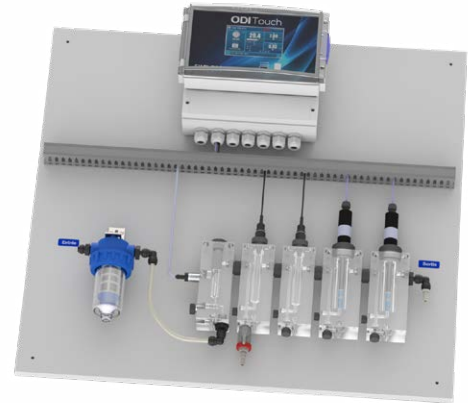
- Multi-parameters
- Mounted on panel
- Communicating device :
- locally (RS485 port)
- Remotely via WIFI modem as standard
- Optimal efficiency with continuous self-diagnosis
- Different types of regulations : PID (cycle or pulse), threshold, hysteresis

ODITouch

TECHNICAL FEATURES

Inputs

- 2 potentiometric inputs
- 2 isolated 4/20 mA inputs (*chlorine sensors*)
- 2 non-isolated 4/20 mA inputs (*conductivity, turbidity and temperature probes*)
- 4 digital inputs: tank level, CAD, flow rate...
- 8 timers
- 1 USB port for saving data, configuration and updates
- Up to 8 measured/calculated parameters
- Control of all types of actuators :
dosing pumps, solenoid valves, roller storage, UV...



Dimensions 740x800 mm

Outputs

- 6 relay outputs:
 - 2 power relays 230 V
 - 2 dry contact relays (max. 240 pulses/min)
(with this mode of regulation, possibility of powering the organs of the system)
 - 2 electronic relays (max. 500 pulses/min)
- 4 analog outputs 0/4-20 mA
- 1 output 12 V
- 1 RS485 output (Modbus RTU)
- Connection for remote access to mysyclope.com via Ethernet Modem, WIFI (included), or GSM

CONFIGURABLE +++

- The ODI Touch is the possibility to parameterize the controller in a simple way according to the needs of each application.

Dimensions 740x400 mm



ODITouch

EASY TO USE

A global visualization of the quality of the water in your pool.

Example of application :

Temperature + pH + Free Chlorine + Total Chlorine and active chlorine + chloramine calculations

5" color touch screen



- | | | |
|--|--|--|
| 1 Programming MENU button | 8 Relay output on Start/Stop of controller or parameters | 15 Water level control active |
| 2 Alarm notification | 9 Relay output in dosing mode | 16 Empty tank |
| 3 On/Off button | 10 4-20 mA output in transfer mode | 17 No programmed regulation |
| 4 Communication Modes | 11 4-20 mA output in dosing mode | 18 Dosing stopped |
| 5 USB key connection | 12 Dosing in pause | 19 High alarm |
| 6 Multi-function button | 13 Polarization in process | 20 Dosing requirements |
| 7 Indication whether the protective fuse of the relay is out | 14 Active CAD control | 21 Indication of the channel in red when alarm thresholds are exceeded |

Example given on some of the device icons. Other configurations are possible.

SYCLOPE
Electronique

THE RIGHT WATER EXPERTISE

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