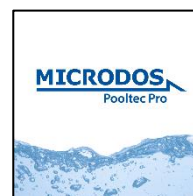


### OXY

#### DESCRIPTION

- ✓ Complete water treatment system through hydrolysis and ionization.
- ✓ Disinfection of water and oxidation of organic elements through hydroxide ions.
- ✓ Residual ionization of copper for the optimization of the disinfection process (algaecide effect and water clarification).
- ✓ Automatic operating: automatic adjustment of pH, redox, chlorine, water temperature, recirculation pump and all programmed outputs.
- ✓ Manual operating: manual adjustment of all functions.
- ✓ Winter function (NOFROST): automatic activation of the recirculation pump to prevent the formation of ice.
- ✓ Instant display of the pH value ( $0 \div 14$  pH), Redox ( $0 \div 1000$  mV), chlorine ( $0 \div 20$  ppm), temperature ( $^{\circ}C / ^{\circ}F$ ), detected through the various configurable probes.
- ✓ mA outputs: up to 2 mA outputs fully programmable on the  $0/4 \div 20$  mA range useful for managing mA pumps.
- ✓ Programmable powered outputs: a total of 5 programmable powered outputs.
- ✓ Programmable dry relay outputs: 5 programmable relay outputs (voltage free contact).
- ✓ Alarms: greater safety thanks to numerous automatic alarms on all controlled parameters.
- ✓ Alarm email: automatic sending of emails to the desired addresses in case of an alarm.
- ✓ 3 protected programming levels (password): user (free) for basic settings, expert (password) to access more complex settings and installer (changeable password) to access device configurations.
- ✓ Recirculation pump management / control: automatic adjustment of the filtration pump (management of filtering hours based on the water temperature or based on pre-set programs).  
Operating status check.
- ✓ Pool cover detection function.
- ✓ Lighting management: programmable switching ON/ OFF for pool lighting.
- ✓ History of the measurements of the previous months
- ✓ Geo localization: useful function for the installer to locate the customer more quickly.
- ✓ Multi-language menu: operating system available in various languages (Italian, English, Spanish, French, German, Dutch, Russian).
- ✓ Quick installation user manual: quick installation guide.  
Complete user manual available online.
- ✓ Help on device: quick explanation of each function within the menu.
- ✓ Flow sensor: automatic alarm that alerts and disables all outlets in case of no water flow in the pipes.
- ✓ Level probe predisposition: automatic alarm that warns in case of exhaustion of the chemical product in the tank.
- ✓ Predisposition for anti-limescale system: ecological anti-limescale system using magnetic fields.
- ✓ Wifi / ethernet connection: communication with the server to manage information on the pooltec-pro platform.
- ✓ Web control: server for managing records, communications, and updates.
- ✓ Android / iOS app: via the Android / iOS app it is possible to remotely control all the parameters and alarms of the pool.
- ✓ Display touchscreen 10".
- ✓ Easy access to the connection compartment: easy opening with practical locking system.
- ✓ Power Supply  $100 \div 240$  Vac 50 Hz.
- ✓ Power cable with Schuko plug.
- ✓ Cassa in ABS: massima compatibilità con i comuni prodotti chimici.
- ✓ Protezione IP 65
- ✓ **100 % Made in Italy**
- ✓ In compliance with CE regulations



#### OPTIONAL

- ✓ Predisposition for reading and control of redox dosage.
- ✓ Predisposition for reading and control of chlorine dosage through amperometric or potentiostatic cell.
- ✓ 1 - 2  $0/4 \div 20$  mA outputs

# WATER TREATMENT SYSTEM

## OXY

Data  
Sheet

INGRESSI / USCITE	INCLUSO
✓ Hydrolysis (titanium electrode)	✓
✓ Ionization (copper electrode)	ON DEMAND *
✓ PH dosage reading and control	✓
✓ Redox dosage reading and control	ON DEMAND *
✓ Chlorine dosage reading and control through amperometric / potentiostatic cell	ON DEMAND *
✓ Up to 2 mA outputs	ON DEMAND *
✓ 5 dry relay outputs	✓
✓ 5 powered outputs	✓
✓ Flow sensor signal input	✓
✓ Level probe signal input	✓
✓ Descaling system output	✓
✓ Heat pump management and control	✓
✓ Management and control of the recirculation pump	✓

\*NB: Configuration should be requested when ordering.

TECHNICAL SPECIFICATIONS						
MODELS	SPA 20	HOME 50	HOME 80	HOME 125	HOME 175	PUBLIC 400
Volume SWP [m <sup>3</sup> ]	20	50	80	125	175	400
Number of cell plates	4	5	6	7	8	12÷16
Current intensity [A]	5	6	8	10	12	12
pH pump	MP2-B 0,1 l/h	MP2-B 1,5 l/h	MP2-B 1,5 l/h	MP2-B 1,5 l/h	MP2-B 1,5 l/h	-----
Cl pump (Configuration should be requested when ordering)	MP2-B 0,2 l/h	MP2-B 3 l/h	MP2-B 3 l/h	MP2-B 3 l/h	MP2-B 3 l/h	-----





### DIMENSIONS



# WATER TREATMENT SYSTEM

Data  
Sheet

## OXY



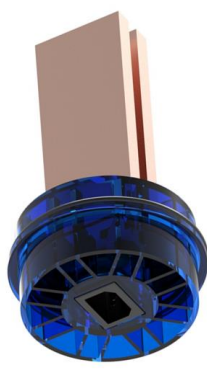

THE CONTENTS OF THE BOX			
			
OXY	CAMERA	<b>KIT PH</b> (MP2-B pump, pH probe, buffer solution temperature probe, pipes, bottom filter, injection valve)	TITANIUM ELECTRODE

ACCESSORIES KIT (BUY SEPARATELY)			
PUMPS			
	MP2-B	MP2-HT mA	ME3 mA
ACCESSORIES			
	FLOW SENSOR	LEVEL PROBE	ECOLOGICAL ANTI-LIMESCALE
			
			SADDLE CLAMPS Ø50 / 63

# WATER TREATMENT SYSTEM

Data Sheet

## OXY

KIT OPTIONAL (Configuration should be requested when ordering.)			
			
<p><b>KIT REDOX</b> (MP2-B pump, redox probe, buffer solution, pipes, bottom filter, injection valve)</p>	<p><b>KIT CHLORINE</b> (MP2-B pump, chlorine probe, pipes, bottom filter, injection valve)</p>	<p><b>KIT COPPER</b> Copper electrode)</p>	<p><b>KIT mA</b> (1 or 2 outputs 0/4÷20 mA)</p>

### EXAMPLE OF INSTALLATION DIAGRAM

