

CONTROL INSTRUMENT

POOLTEC

Data
Sheet

DESCRIPTION

- ✓ IoT multifunction instrument for the control of pH, redox, chlorine, temperature.
- ✓ 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

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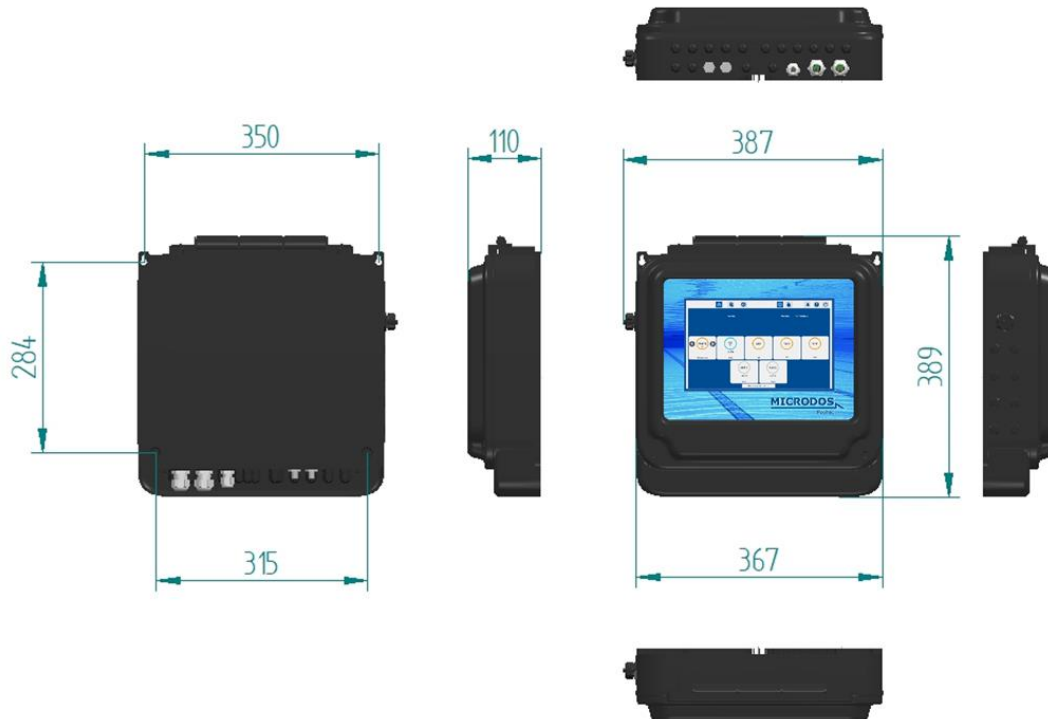
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INPUTS / OUTPUTS	PREDISPOSITION
✓ Reading and control of pH dosage	✓
✓ Redox dosage reading and control	ON DEMAND*
✓ Chlorine dosage reading and control through amperometric / potentiostatic cell	ON DEMAND*
✓ Up to 2 mA outputs	ON DEMAND*
✓ 5 dry relay outputs	✓
✓ 5 powered outputs	✓
✓ Flow sensor signal input	✓
✓ Level probe signal input	✓
✓ Anti-scaling system outlet	✓
✓ Heat pump management and control	✓
✓ Management and control of the recirculation pump	✓

*NB: Configuration should be requested when ordering.

DIMENSIONS



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THE CONTENTS OF THE BOX



POOLTEC

ACCESSORIES KIT (BUY SEPARATELY)

PUMPS			
	MP2-B	MP2-HT mA	ME3 mA
PROBES			
	pH	REDOX	AMPEROMETRIC CHLORINE CELL
ACCESSORIES			
	FLOW SENSOR	LEVEL PROBE	ECOLOGICAL ANTI-LIMESCALE
			
			SADDLE CLAMPS Ø50 / 63