COMPLETE PANEL
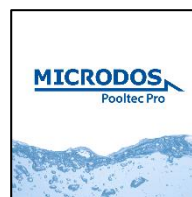
POOLTEC SPA/HOME/PUBLIC

DESCRIPTION

- ✓ IoT multifunction panel for the control and dosage of pH, redox, chlorine, temperature.
- ✓ Proportional dosing of chemicals through MP2-B / MP2-HT mA / ME3 mA pumps.
- ✓ 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 ÷ 14 pH), Redox (0 ÷ 1000 mV), chlorine (0 ÷ 20 ppm), temperature (° C / ° F), detected through the various configurable probes.
- ✓ mA outputs: up to 2 mA outputs fully programmable on the 0/4 ÷ 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.
- ✓ **D**isplay touchscreen 10''.
- ✓ Easy access to the connection compartment: easy opening with practical locking system.
- ✓ Power Supply 230 Vac 50 Hz.
- ✓ Power cable with Schuko plug.
- ✓ IP 65 protection degree
- ✓ 100 % Made in Italy
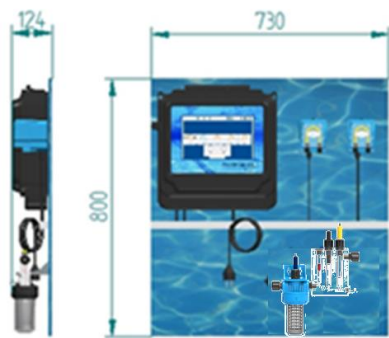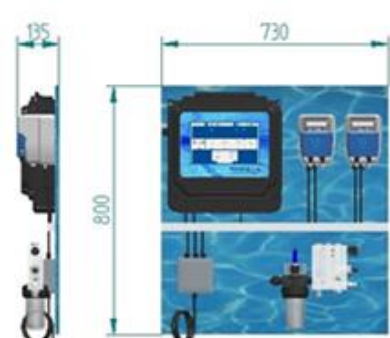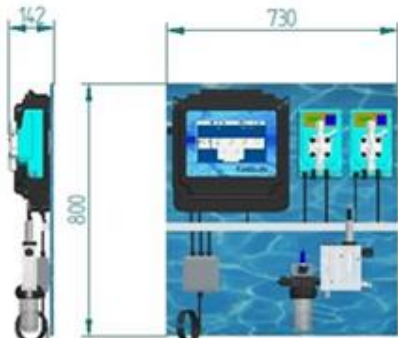- ✓ In compliance with CE regulations

MICRODOS Dosing systems

Specifications subject to change without notice

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1/3   Rev. 1.1

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POOLTEC SPA/HOME/PUBLIC

Data Sheet

MODEL	CONFIGURATIONS		
POOLTEC PANEL SPA PH+REDOX	pH PUMP MP2-B 0,1 L/H	REDOX PUMP MP2-B 0,2 L/H	
POOLTEC PANEL SPA PH+CHLORINE	pH PUMP MP2-B 0,1 L/H	CHLORINE PUMP MP2-B 0,2 L/H	
POOLTEC PANEL HOME PH+REDOX	pH PUMP MP2-HT mA 3 L/H	REDOX PUMP MP2-HT mA 6 L/H	
POOLTEC PANEL HOME PH+CHLORINE	pH PUMP MP2-HT mA 3 L/H	CHLORINE PUMP MP2-HT mA 6 L/H	
POOLTEC PANEL HOME PH+REDOX	pH PUMP ME3 mA 5 L/H 10 bar	REDOX PUMP ME3 mA 10 L/H 2 bar	
POOLTEC PANEL HOME PH+CHLORINE	pH PUMP ME3 mA 5 L/H 10 bar	CHLORINE PUMP ME3 mA 10 L/H 2 bar	
POOLTEC PANEL PUBLIC PH+REDOX	pH PUMP ME3 mA 10 L/H 2 bar	REDOX PUMP ME3 mA 24 L/H 1 bar	
POOLTEC PANEL PUBLIC PH+CHLORINE	pH PUMP ME3 mA 10 L/H 2 bar	CHLORINE PUMP ME3 mA 24 L/H 1 bar	

DIMENSIONS		
POOLTEC PANEL MP2-B	POOLTEC PANEL MP2-HT	POOLTEC PANEL ME3

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THE CONTENTS OF THE BOX		
PANEL COMPLETE WITH POOLTEC INSTRUMENT, PUMPS (peristaltic / electromagnetic), PROBES (pH / redox / amperometric chlorine / potentiostatic chlorine / temperature)	**BUFFER SOLUTIONS**	**PUMP INSTALLATION KIT** (hoses, foot filters, injection valves)

ACCESSORIES KIT (BUY SEPARATELY)			
FLOW SENSOR	LEVEL PROBE	ECOLOGICAL ANTI-LIMESCALE	SADDLE CLAMPS Ø50 / 63