



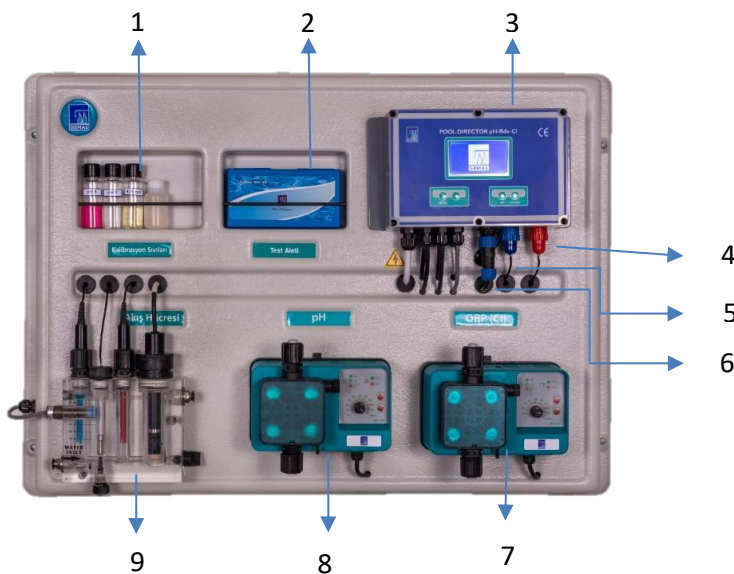
*"Pool Technology"*

## GEMAS POOL DIRECTOR WITH AUTOMATIC PH-REDOX-FREE CHLORINE CONTROLLER WITH BOARD INCLUDING 2 DOSING PUMPS

### TECHNICAL DATA SHEET

#### Description

Pool director is an automatic disinfection device that provides intra-pool disinfection. It doses the pool water by keeping the determined pH and free chlorine rate constant.

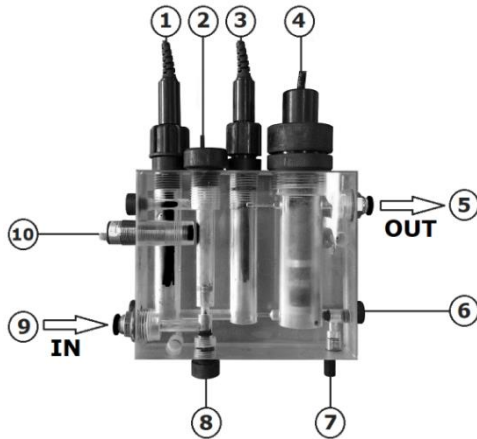


1. Buffer Solitons
2. Test kit
3. Pool Director device.
4. ORP (RX) sensor input
5. pH sensor input
6. Cl sensor input
7. ORP (CL) fluid dosing pump
8. Dosing pump
9. Flow cell and sensors

## Flow Cell

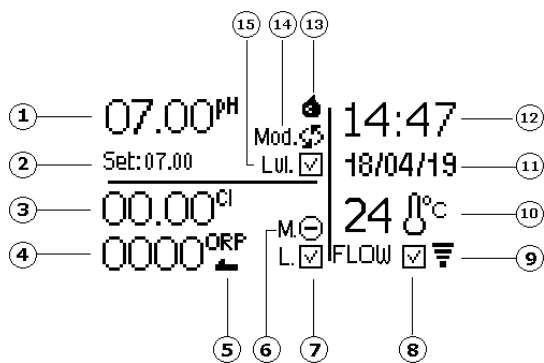


*"Pool Technology"*



1. pH sensor
2. Water temperature sensor (NTC)
3. ORP (RX) sensor
4. CL sensor
5. Flow cell water outlet fitting
6. Sample water tap
7. Sample water outlet
8. Flow adjustment tap
9. Flow cell water inlet union
10. Flow and constant flow sensor

## Main Screenshots



1. The pH value read on the pH sensor.
2. pH Set value
3. Cl value read in Cl sensor
4. The mV value read on the ORP (RX) sensor
5. Unit indicator to be referenced by dosage
6. Dosing mode
7. Cl booster fluid tank level indicator
8. Flow control indicator
9. Wi-Fi shooting power indicator
10. Water temperature
11. Device current date
12. Device current time
13. Dosage status of pH lowering or rising liquid
14. Dosage mode of pH lowering or rising liquid
15. pH lowering or rising liquid tank level indicator

## Technical Characteristic



*"Pool Technology"*

<b>Device supply voltage</b>	220- 230VAC 50 Hz
<b>Average Energy Consumption</b>	12W
<b>pH</b>	0.00- 14.00 pH
<b>Redox</b>	0-1000 mV
<b>FCL</b>	0.00- 20.00 ppm
<b>Temperature</b>	0.00- 99 °C
<b>Ph Dosing Pump Output</b>	220V 8A Role Output
<b>Cl Dosing Pump Output</b>	220V 8A Role Output
<b>Alarm Output</b>	220V 8A Role Output
<b>Ph Level Sensor Input</b>	Dry Contact
<b>Cl Level Sensor Input</b>	Dry Contact
<b>EXT Input</b>	Dry Contact
<b>Temperature Sensor Input</b>	NTC PT100
<b>Communication Port</b>	RS485
<b>Screen Type</b>	128x64 Graph Led Screen
<b>Digital Calibration</b>	Exist
<b>Display Lighting</b>	Exist
<b>Programmable Alarm</b>	Exist

## Addable Options

- 3rd Measurement Input (RX CL)
- Monitoring and Control with Wi-Fi Connection