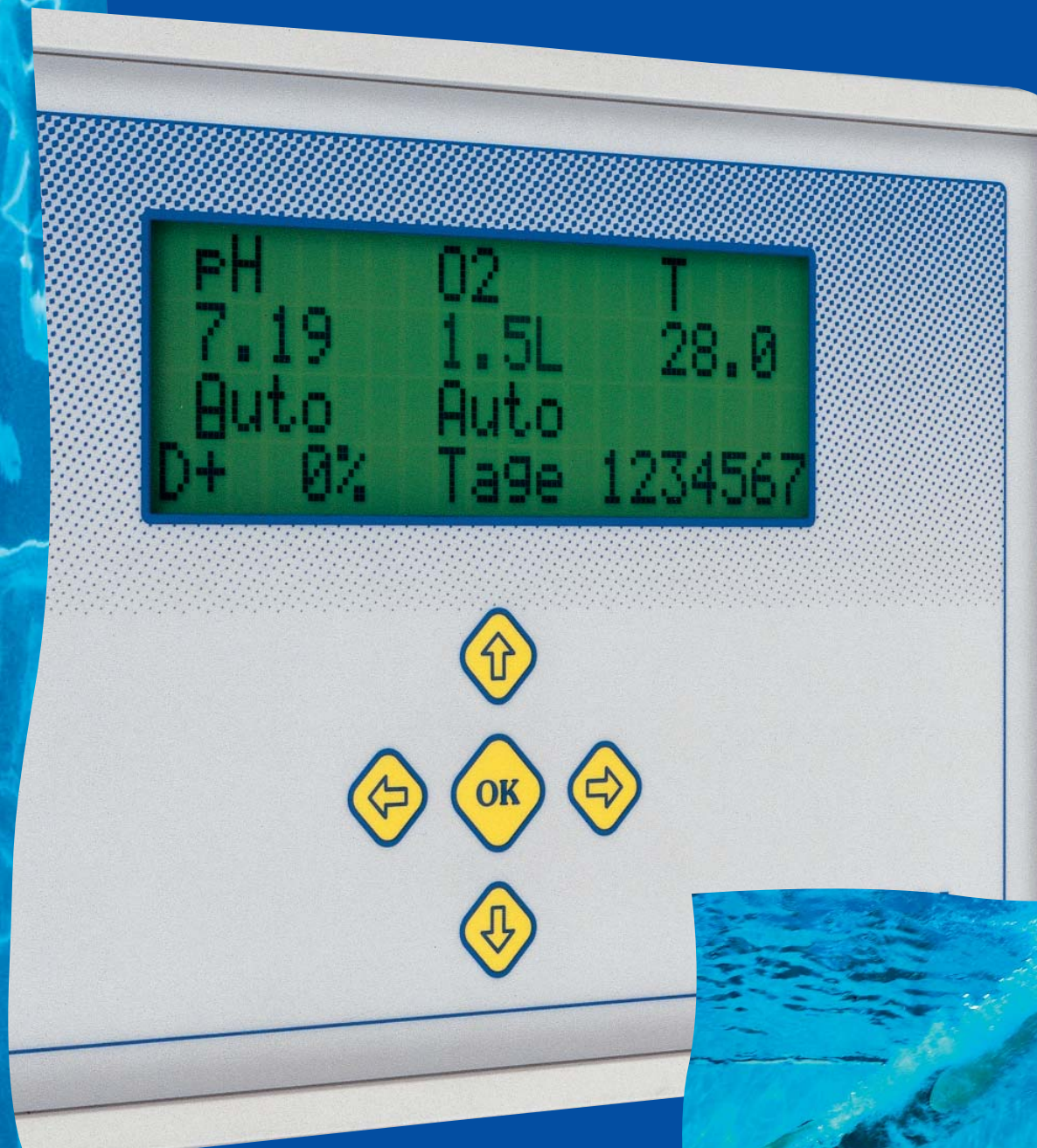


PoolManager

Measuring, regulating and dosing system
for the automatic treatment of swimming-pool water

For Oxygen,
Chlorine or Bromine



BAYROL

The benefits of **PoolManager** at a glance:

- ▶ Easy to use: The Menu is clear and can be operated with just 5 keys.
- ▶ Eight languages can be selected for the operating menu: English, German, French, Italian, Spanish, Greek, Russian and Polish.
- ▶ It is manufactured to the highest technological standard and exemplary quality for all components, ensures long service life.
- ▶ Safety without compromise: a powerful processor guarantees maximum safety.
- ▶ Flow inputs, level inputs and power inputs have been optically separated on this system, thus increasing operating safety even further and problem electrical interference cannot penetrate.
- ▶ Power savings due to „Power Down“: The illuminated display is switched off 15 minutes after a key is pressed. This technology reduces the system's power consumption by 70%.
- ▶ The current dose is always indicated as a percentage of the maximum dose. This guarantees a precise control function.
- ▶ In order to protect the system from unauthorised operation, the service level is protected by a password.
- ▶ **PoolManager** is ready for connection to a computer: If required, the WINDOWS communications program can be connected (optional extra). Measurements can then be displayed and recorded graphically. **PoolManager** can even be operated from a computer.
- ▶ A new measuring cell is mounted on the base-plate; this is fitted with a flow-indicator which makes installation considerably simpler and more convenient, eliminating the need to install a pressure-switch.
- ▶ All versions of the system have the option of connecting a Flockmatic pump: for a relative low additional cost, the swimming-pool water becomes even more bright and crystal-clear.

PoolManager

Do you want to enjoy the full comfort of a modern dosing system and enjoy your swimming pool without having to constantly purify the water? Then, BAYROL has just the thing for you: the **PoolManager**.

Operator-friendly and exceptionally versatile, these are just two of the features which make this system outstanding.



▶ Clear and easy to operate

With this development, BAYROL has managed to combine the highest technological standard with optimum comfort. Data is entered using just five keys and all the relevant information can be called up in the new multi-function display. All the setting parameters are displayed in clear text.

Advances have been carried out inside **PoolManager**: The efficient processor and its entire environment are designed to the latest standard and provide you with maximum safety. The devices are robust, high-quality and extremely reliable.



3 Programs – 1 PoolManager

PoolManager is available as a Chlorine, Active Oxygen and Bromine version – You have the choice!

PoolManager – Chlorine

With the conventional disinfection you treat your swimmingpool water using excellent ChloriLiquid last not least because of its special hardness stabiliser.



PoolManager - Chlorine measures and regulates the redox level to give safer water disinfection and to keep the pH level within the optimum range. This new generation is much improved and uses proven

technology. Proportional control ensures that only a little is dosed, as and when required. If the bathing load increases suddenly, dosing increases. Result: perfect water quality with optimum amount dosed.

PoolManager - Oxygen

When treated with active oxygen, the particularly skin-friendly BayroSoft is dosed. With no chlorine smell, it is noticeably pleasant and is not irritating to eyes and skin.



The **PoolManager - Oxygen** achieves a new standard of quality in oxygen dosing. The new generation of this control unit offers a high degree of safe disinfection:

the automatic correction of the amount dosed also guarantees water quality when the temperature rises. **PoolManager - Oxygen** automatically adjusts the pH level and always doses the optimum amount of BayroSoft.

PoolManager - Bromine

With bromine, treatment is safer and more skin-friendly. This treatment program is just as effective as chlorine but has the advantage that it does not smell like chlorine does. Dosing is automatic via a solenoid valve linked to a dosing station (dissolving tablets). This version is also fitted with proportional control.



When deciding on one of these three treatment programs, the technical and environmental parameters of your swimming pool must be taken into consideration. Your dealer will be pleased to give you advice.

World novelty - SELECT system

The **PoolManager** incorporates a system that allows the pool owner to configure the water treatment method by himself. Should he wish to switch from chlorine to active oxygen treatment for instance, it is not necessary to replace the complete unit. The change is very simple done by entering a special code and by exchanging the measuring electrodes. All necessary parameters will be changed automatically after having entered and confirmed the code. The water can immediately be treated with the newly selected method once the canisters were exchanged as well.



Option: Flockmatic for crystal-clear water

PoolManager can also be enhanced by integrating automatic flocculation. The Flockmatic device brings you even brighter, crystal-clear water at a relatively low additional cost. With flocculation, in particular, the smallest particles of dirt can be bound together and collected in the filter - and this also improves the efficiency of the disinfectant used. Flockmatic and Flockmatic Vario are available.



Option: Automatic canister switch

You go on holiday for longer and want to have the swimming pool maintained automatically?

This problem can be solved with the automatic canister switch!

You connect two canisters and you have enough time before the empty canister need changing.

So, you can keep your swimming pool clean for a longer period.



Technical Data for PoolManager

Power: Mains 220 V/50 Hz
 Protection type: IP 65
 Electrode connection
 pH and Redox: BNC
 Dimensions: 630 mm × 530 mm × 180 mm
 (W × H × D)
 Operation: by foil keyboard

SR 25 Hose pump:

Pump capacity: 0.9 l/h for pH and Redox
 6.0 l/h for BayroSoft

Dose back-pressure: max. 1.0 bar
 Suction height: 4.0 meters
 Drive: Noise-less split-pole motor
 Capacity: 10 VA
 Protection type: IP 40
 Hose material: Novoprene

Disinfection:

Redox measurement: Metal single-rod measuring chain for chlorine or bromine
 Measuring range: 0-999 mV
 Temperature: For temperature-compensated addition when dosing with oxygen

Display: LCD display, 4 line full text display

Nominal setting: In the menu, with full text display

Regulator: Regulator with relay output, 220 VAC, max. 1 A

Dose display: On LCD display

Operating mode: Manual - Off - Auto

Dosing time alarm: Adjustable from 0-999 mins.

Level alarm: Full status monitoring

Monitoring functions:

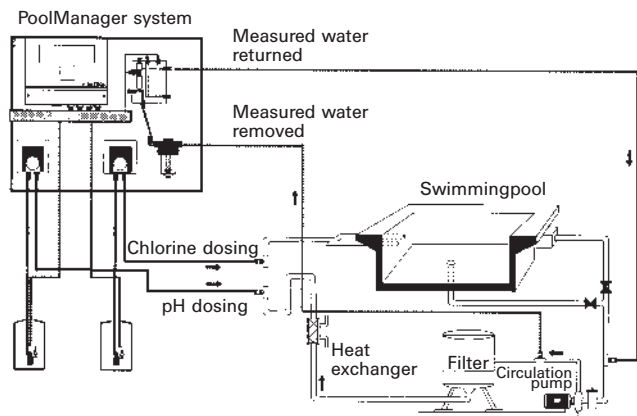
Flow alarm: Throughflow monitored by inductive flow-meter

Measurement alarm: Alarm thresholds adjustable both sides

Calibration alarm: Can be configured

Important: Never dose pH correcting agent and disinfectant in metal pipes.

Connecting PoolManager – Chlorine



BAYROL
 Make your pool a simple pleasure

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