Product Information







WE MAKE WATER CLEAR



Pool water treatment for pH and ORP (Redox) for public and private pools

Now with and without Internet connection

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Product Information

WATERFRIEND









ITSI WATERFRIEND

Measurement, control and metering unit optionally with Internet connection

exclusiv

The advanced "WATERFRIEND exclusiv MRD-2" metering unit contains the latest findings in modern control engineering. Several reciprocally checking microprocessors check the water quality and implement the high-quality pH and ORP regulation. The metering unit, including the control system, measuring cells, flow fitting, dirt filter and metering pumps are fitted in a plastic housing for wall mounting.

The "WATERFRIEND exclusiv MRD-2" is also available at low extra cost with an integrated WebServer. This WebServer enables connection of the WATERFRIEND to a computer or the Internet. This makes remote diagnosis of the "WATERFRIEND MRD-2" dosing unit possible using computer network, Internet, smartphone and WLAN.

The pH regulation is configurable. For this reason, the relevant metering pump can be used both to lower and raise the pH value.

The high-powered metering pumps are driven by speed-controlled stepping motors. This means that the delivery quantity can be set within a range of 0 to 10 litres per hour. This intelligent speed control enables a wide range of applications and adaptation to different pool sizes, water temperatures and swimming pool user profiles.

The high-quality glass electrodes are fitted with a connecting plug including an integrated transmitter. The connecting cable consists of a heavy-duty spiral cable, which makes service work easier.

The flow fittings with multicoloured RGB LEDs display the maintenance interval for each individual electrode. The LEDs are also used as an indicator during calibration.

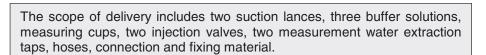
The temperature sensor in the flow fitting detects the temperature of the measurement water and enables automatic temperature balance in the control

A digital flowmeter determines the quantity of the water flowing through the runthrough fitting and enables the measurement and control system to carry out precise metering.

The prefilter contains a large-area filter screen made of stainless steel.

The large graphic display with background illumination offers an easily readable, multi-line plain text display. The integrated language settings contain several languages. Clearly laid out menu navigation enables simple operation and calibration of this high-quality metering equipment.

The integrated bus interface enables the WATERFRIEND to be connected with the wiff filter/backwashing control EUROMATIKATI. In this constellation. the **EUROMATIK** external control panel can be directly accessed to the WATERFRIEND MRD-3 measurement and control system.





AP P

and

Hd

and metering unit for

regulation

Measurement,

Metering pump with speed control



THE flow fitting with colour change



Flowmeter with quantity measurement

Subject to alterations! 02/2013







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