



Certified to NSF/ANSI Standard 50



Intertek

## Pool and Spa Chemical Automation

### MiniWarden



MiniWarden MTD

The MiniWarden is our entry level controller packed with features you won't find in other systems in it's price range. Easy to understand menus with no abbreviations to memorize or special button sequences to press to access programming. The MiniWarden has full flexibility to handle any pool or spa, and can control any type of chlorine or bromine feeder including chlorine generators.

- ✓ Measures pH, ORP and temperature
- ✓ Proportional Feed Control
- ✓ pH Lockout and flexible mixing times
- ✓ Two types of overfeed protection
- ✓ Relay Setup Wizards & Quick Menus
- ✓ Programmable MANUAL and AUTO Modes
- ✓ Data recording, up to 8,200 records
- ✓ Lockable enclosure

### PoolWarden



PoolWarden DMTD-P2

The PoolWarden is our flagship water chemistry control system, designed to control the pH, sanitizer and temperature on up to two bodies of water at the same time. Four relays are included for each pool: pH and ORP relay supply the input voltage and two additional auxiliary dry contact relays to control a heater, water fill, backup sanitizer and other types of equipment. Energy management is supported by providing two set points per day for heater control. In addition to the MiniWarden's features, the PoolWarden provides the following additional features:

- ✓ 2 AC and 2 Dry Contact Relays Per Pool
- ✓ pH Setpoint adjust for Langelier Index
- ✓ CYA Time of Day ORP Offset
- ✓ Heater Energy Management
- ✓ Backup Sanitizer Support
- ✓ Optional serial printer

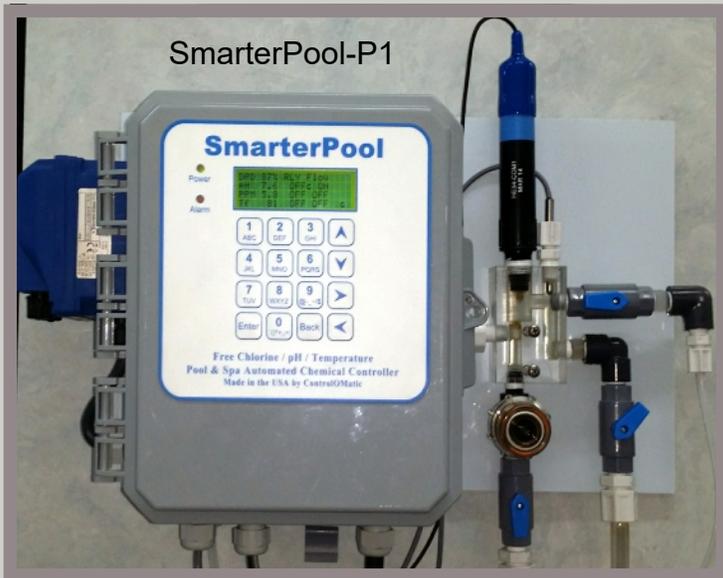
- ✓ 10 Security Passwords with 4 levels, PIN codes allow for tracking access to the controller
- ✓ Manual entry of alkalinity, hardness and cyanuric acid for calculation of the Langelier index
- ✓ Certifications: UL 1563, CSA C22.2#218.1, NSF50
- ✓ Options: TrueDPD (single and dual) and Ethernet communication
- ✓ California Title 22 & 24: Add the TrueDPD to meet the free chlorine daily record keeping requirements. New menu lists for the last 7 days the noon time readings to add to the log book. Already approved in many California counties, contact us for the approval list.

For more information visit <http://www.PoolWardenTraining.com>

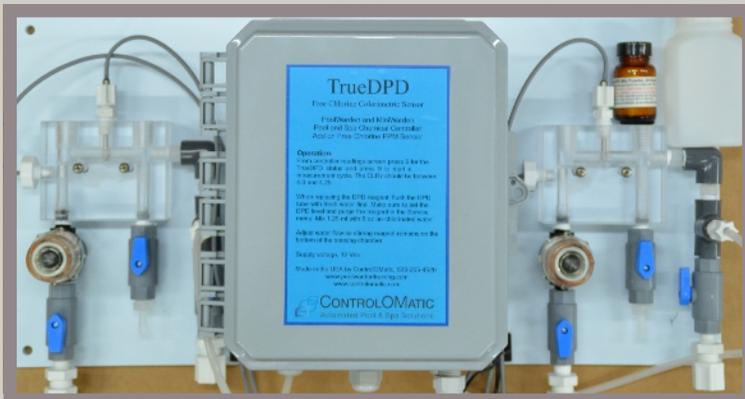
Swimming pool chemical automation refers to the automatic monitoring and control of sanitizer and pH levels in water. This helps maintain clean, safe water at all times, while achieving significant reductions in the cost of chemicals, maintenance and repairs. Automation is now recognized as a necessity for all public pools and spas, as well as for quality residential installations. ControlOMatic systems offer the most advanced line of electronic controllers for monitoring and safe control and balance of water chemistry.

## SmarterPool

The SmarterPool is a revolutionary pH and PPM controller that isn't effected by cyanuric acid, saltwater chlorine generators, water flow, pressure or pH. Using a blend of the TrueDPD free chlorine sensor and the MiniWarden in the same box brings a lot of capability for both commercial and residential markets. SmarterPool is easier to use than most ORP chemical controllers because there is less to setup. ORP Controllers need a pH lockout feature to prevent overfeeding sanitizer if the pH gets too high. However, this is not a problem for SmarterPool because the free chlorine measurement isn't effected by pH like an ORP sensor.



- ✓ pH (acid or base) Free Chlorine (Sanitizer)
- ✓ Free chlorine range: 0 to 8 PPM
- ✓ 3 Switch inputs, feed disable with no flow
- ✓ Measures free chlorine, pH and temperature
- ✓ 2 x 24 VAC and 1 dry contact control relays
- ✓ Input supply voltage: 24 VAC
- ✓ Langelier saturation index and pH adjustment
- ✓ All features of MiniWarden except pH lockout
- ✓ Perfect for Salt Systems
- ✓ DPD reagent test, not ORP
- ✓ Includes up to 12 months DPD powder



## TrueDPD

A colorimetric free chlorine sensor using the DPD method that can be added to the MiniWarden and PoolWarden. A two pool version is available for the DUAL PoolWarden helping to minimize space and cost. Shown is the TrueDPD with two flow cells pre-mounted on a white back panel. Measurement range is 0 to 8 PPM. Includes enough DPD to last 6 to 12 months.

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