

PoolWarden and Title 22 Compliance Specs

California Title 22 has been a source of confusion as to how chemical automation can be used as a tool to help them comply with the daily chemical and temperature requirements in the code. After contacting several County Health Departments, we have added features that have been requested to help pool owners and operators maintain water chemistry compliance on a 24/7 basis and maintain a record of the readings.

Below is a summary of the requested features the single or dual PoolWarden has to help with compliance:

1. Automated Free chlorine testing via DPD sensor. This is a true free chlorine reading, not a calculated PPM and is unaffected by cyanuric acid or pH.
2. Operator activated last 7 day noon time readings scroll on the screen for easy viewing so no buttons have to be pressed. These readings can be manually entered into the pool log by the operator.
3. Optional serial printer to record the readings daily which can be attached to the pool log sheet.
4. Optional internet communication via Ethernet, WIFI, EOP or Cellular connection which will store 2 years of data on our server and notify up to 4 different email/text addresses in the event the pool goes out of chemical/temperature compliance and loss of flow.
5. The ability of manual measurements (Sanitizer, pH, Alkalinity, Hardness, Cyanuric Acid) to be entered by the operator for records and calculation of Langelier Index.
6. Easy calibration of chemical readings to ensure accuracy.
7. Selectable, variable pH set point +/- up to .3 pH units to help maintain water balance.
8. Automatic Free Chlorine re-test in the event of a test error.
9. Selectable Free Chlorine test every 10, 20, 30 or 60 minute intervals.
10. The ability to monitor and control sanitizer by Free Chlorine, ORP or Free Chlorine with ORP backup.

The PoolWarden is not meant to replace a competent pool operator as the successful use of chemical automation is dependant upon operation and maintenance by a knowledgeable professional to help ensure the entire pool system is operating within code requirements.