

# ProMinent Aquatics Products

ProMinent®



*DCM 5 Series and remote interface*



Wi-Fi



# Metering Pumps

## gamma/ X

The gamma/ X is the first metering pump with predictive intelligence. Thanks to its controlled solenoid drive with sensor-free pressure measurement, it detects and alarms for over pressure and non-primed conditions, even in the case of minimal deviations. It immediately and optimally matches output to the pressure conditions and properties of the medium, while protecting the pump and piping systems from overload situations.

For feed rates up to 300 GPD and pressures up to 363 psi.



## Concept b

The Concept b series minimal feature set makes it ideal for use in flow proportional or on/off control applications, and its compact construction allows for easy mounting on a tank or wall bracket.

Adjustment of the pump capacity is via the stroke length in the range of 10-100%, or it can be set at 1 of the 4 stroke frequency settings. This gives an adjustment ratio of 40:1.

For feed rates up to 95 GPD and pressures up to 232 psi.



# UV Disinfection Systems

## Dulcodes A

Dulcodes A UV treatment systems are ideal for the photochemical decomposition of combined chlorine (chloramines) in the treatment of swimming pool water. Chlorine-resistant germs, especially cryptosporidium, are reliably inactivated. Special medium pressure UV lamps generate intense polychromatic UV radiation to reduce strong odor producing and eye irritating substances. The result is an improved quality of water for healthy and pleasant swimming.

**Flow Rates:** up to 4,592 gpm

3rd party single-pass validated for disinfection



## Dulcodes LP

The Dulcodes LP treatment systems, with our patented Vario-Flux high output lamps featuring dynamic lamp heating and electronic ballasts, are synonymous with cutting edge technology. The Vario-Flux lamps can be quickly and precisely dimmed over a broad power range of up to 50% of the nominal electrical power. This always ensures automatic adjustment to varying flows and water temperatures.

**Flow:** up to 2,200 gpm

3rd party single-pass validated for disinfection





# Controllers & Instrumentation

## DCM300 & DCM3CI

The perfect partner for monitoring and controlling water chemistry parameters in budget-minded facilities.

- DCM300 - pH, ORP, & Temperature
- DCM3CI - pH, Chlorine PPM, & Temperature
- Standard web-based real-time monitor and control
- IIoT ready!



## DCM 5 Series

The perfect partner for monitoring and controlling water chemistry parameters and processes in the most demanding applications.

- Standard built-in local WiFi for use of remote interface
- New intuitive and easy to use remote interface with device recognition for easy operation on tablets, smart phones, and computers
- Real-time combined chlorine readings for water quality optimization via the control of ProMinent UV system operation
- IIoT ready!



## DULCOPOL PRO TOUCH

Cutting-edge, professional grade equipment for precision monitoring and control of pool and spa water chemistry.

- Five-inch touchscreen control with easy menu navigation
- Cloud-based datalogging and remote control
- Integrated calendar tracks required maintenance and sends alerts
- Eight discrete timers which facilitate supplemental chemical injection and other common tasks



## ProCal SV

A precision granular cal hypo feed system that is certified to use any brand of granular product

- Integrated automatic cleaning system
- 60 lb. hopper and capable of feed rates up to 800 lbs. per day



## DulcoSense NCl<sub>3</sub>

The world's first continuous, real-time trichloramine sensor for aquatics

- Touchscreen with intuitive control
- Accuracy certified by the French National Research and Safety Institute
- 4-20mA and ModBUS RTU communication for integration with BMS/BAS



# ProMinent Aquatics Products

## Controllers & Instrumentation Cont.

### Aquatics Sensors

Prominent is a world leading expert in sensor design and manufacture. ProMinent sensors include: free and total chlorine, pH, ORP, ozone, hydrogen peroxide, bromine, chlorine dioxide and dissolved oxygen.



### CO<sub>2</sub> Feeder

Designed to utilize Carbon Dioxide (CO<sub>2</sub>) for the control of pH levels in pools and spas. It's equipped with all the necessary components for easy installation, reliable performance & safe operation.



## Speciality Disinfection

### Chlorine Dioxide

The Bello Zon CDLb system uses the chlorite/acid process to generate a solution of **chlorine-free** chlorine dioxide. The innovative reactor design and carefully metered & controlled production process is exceptionally safe & reliable. Contact ProMinent for more information.



### Ozone

ProMinent designs & manufacture many models of ozone generators with capacities of up to **38 lbs/day**. Ozone is an effective oxidizer & sanitizer with a proven history of eliminating infectious organisms. Call ProMinent for more information.



## Accessories

### Acid Fume Scrubber

Allows for direct venting of an acid tank located inside a mechanical room, eliminating the need for costly venting through an exterior wall. The refillable reagent will change from white to pink when it is no longer effective.



### Storage Tanks

Nominal capacity: **9 - 264 gallons**, in many different colors.

PE tanks are produced in the rotational molding. Stackable containment bins of PE come in various sizes with mounting ferules for pumps.



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