

# Life Support System and Zoo Equipment

ProMinent®

# 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. Stand-alone capability for dosing chemicals by system flowrate.

Flow rates up to 300 GPD



## Concept b

The ProMinent® Concept b and its 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.

Flows rates up to 95 GPD



# UV Disinfection Systems

## Dulcodes MP

Dulcodes MP UV treatment systems are ideal for the photochemical decomposition of chlorine, chloramine and chlorinated byproducts as well as the inactivation of viruses, bacteria and parasites.

Flow rates up to 4,592 GPM



## Dulcodes LP

The Dulcodes LP UV treatment system with its patented Vario-Flux lamp high-output amalgam lamps featuring dynamic lamp heating and electronic ballasts are synonymous with cutting edge technology. These systems are ideal for the inactivation of viruses, bacteria and parasites. The lamps automatically and precisely adjust to provide the optimal UV dose while saving lamp life and energy costs.

Flow rates up to 1,020 GPM



## Dulcodes LP HDPE

The Dulcodes LP HDPE units are ideally suited for harsh marine environments where corrosion resistance is demanded. Featuring all the benefits of the Dulcodes LPUV systems, the HDPE system excels where a high level of disinfection performance is required in saltwater environments.

Flow rates up to 2,220 GPM



# Controllers & Instrumentation

## SlimFlex 5

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

- A scaled-down version of the Aegis II inputs and outputs
- 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



## AEGIS II

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



## LSS & Zoo 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, toroidal conductivity and dissolved oxygen.



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

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



## 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

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

**Nominal capacity 9 - 264 gallons**



# 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.



## Ozone

Ozone is an effective oxidizer & sanitizer with a proven history of eliminating infectious organisms. ProMinent designs & manufactures many models of ozone generators.

**Feed rates up to 38 lbs/day (17,237 g/day)**





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