

Municipal Water & Wastewater Instrumentation

Does your plant have a need to increase process safety? How about cost savings for metering chemicals more effectively? Or maybe you are just looking for a more effective way to verify what is happening in the water system in real time. Then ProMinent analyzers may be the right fit for your plant.

Utilizing ProMinent analyzers in conjunction with the sensors and metering pumps is a winning combination. With ProMinent designing, fabrication and building all equipment to ensure the best quality and lead-times in the market there is no need to look at anything else.

DMTA for simple monitoring of Total chlorine or pH/Temperature:

Great for pump stations where only a 4-20mA signal is required for measured variable value feedback to the SCADA system. Simple controls and functionality all in a small package.



DACb for simple or advanced monitoring and control:

Whether you are measuring one variable or have a need to measure multiple, this unit is for you. A Multi parameter unit that offers three variables for continuous measurement and control of the process water. The DACB is a simple easy to use operator interface.

Housed in a Nema 4 X enclosure with the ability for 2-way PID control, Data and event logging w/SD Card, Three Analog outputs, Seven Digital Inputs, Four frequency outputs, LAN/Ethernet Connectivity and Profibus/Modbus communications. The DAC can maintain the variable signal with a given high and low limit along with controlling the associated chemical feed pumps flowrate.



Aegis II: Innovative and flexible communication analyzer:

If you are looking for the ultimate flexibility along with the ability to read multiple parameters through one device then the Aegis II will need to be hanging on the wall in your plant.

The Aegis II has a NEMA 4X enclosure with built in wireless access point and Ethernet. The analyzer can also be connected to via browser interface on smart phones and tablets. The unit has eight digital inputs, integral data logger, nine flexible control outputs for any type of signal.



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ProMinent sensors:

Available for measured variables including; pH, ORP, Free & Total Chlorine, Temperature, Fluoride, Ammonia, Bromine, Hydrogen Peroxide, Peracetic Acid "PAA", Ozone, Conductivity, Chlorine Dioxide, Chlorite, Dissolved Oxygen and Turbidity
No buffers or reagents needed with EPA approved Chlorine sensors saving both time and money replacing these much, needed components with other types of technology.

These sensors can be placed directly in-line of your water system or even submerged with holders directly into the wastewater contact tanks, thereby eliminating the need for non-essential sample lines and associated pumps.



Benefits of ProMinent analyzers as a packaged solution:

- Turnkey approach – all necessary devices arrive mounted on a panel; just provide power and the sample water
- Proven accuracy, reliability and durability in municipalities for many years
- Datalogging and graphing for reduced liability and on-site verification of the process
- EPA approved method for "in-line" chlorine monitoring via amperometric technology



ProMinent metering pumps:

- Pumps are capable of flow rates from 0.19 gph (0.7 L/h) to 275 gph (1040 L/h) and pressures up to 363 psi (25 bar)
- Contact ProMinent Sales for more information



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