



For Immediate Release

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Severn Trent Services Introduces MicroChem™2 CL4000 Total and Free Chlorine Probes
Reagentless, free and total chlorine probe now featured in the newest generation of transmitters and controllers that are able to measure and transmit up to three of a variety of parameters in every desired combination.

FORT WASHINGTON, Pa. – January 13, 2005 – Severn Trent Services has added reagentless, free and total chlorine probes to the MicroChem™2 transmitter/controller, a system that features multiple measurement capability and single or dual PID control outputs. When used in conjunction with the MicroChem2 system, the CL4000 probes provide continuous online measurement and control of chlorine dosage. The CL4000 electrode probes operate in a wide variety of applications without the need for pH compensation. All CL4000 probes, including the total chlorine version, are designed for bufferless operation and require minimal maintenance since there are no moving parts.

In any municipal or industrial water or wastewater treatment process, water quality parameters such as chlorine, chlorine dioxide, ozone, fluoride, pH, ORP, temperature, ammonia, nitrate and others must be analyzed and controlled before, during and after the treatment process. In fact, an application can require simultaneous analysis and control of any number of combinations of these parameters. When multiple parameters need to be measured and controlled, a multi-parameter, multi-channel system, such as Severn Trent Services' MicroChem2 Series 4000, can make the process significantly more efficient.

A multi-parameter, multi-channel system is typically capable of receiving inputs from up to three sensors and/or 4-20 mA signals. As a result, the instrument can be easily combined with other components and packaged into a complete, application-specific instrumentation control system.

A multi-parameter, multi-channel transmitter/analyzer/controller provides commonality of user interfaces and spare parts. Instead of learning multiple user interfaces, one for each system, operators only need to familiarize themselves with one program. Instead of stocking spare parts for multiple systems, a facility only needs one set. In addition to saving on the cost of spare parts, a facility is able to reduce the cost per measurement point by combining up to three parameter measurements into one system. A multiple channel system can even be used to measure the same parameter but from three different and distinct locations within a treatment scheme.

About Severn Trent Services

Severn Trent Services (www.severntrentservices.com), based in Fort Washington, Pa., is a leading supplier of water and wastewater treatment solutions. The company's broad range of products and services is concentrated around disinfection, instrumentation, and filtration technologies, pipeline analysis, rehabilitation and repair services, contract operating services and state-of-the-art residential metering products and services. Our international management services business provides support in all aspects of water and wastewater utility development and transformation. Severn Trent Services is a member of the Severn Trent Plc (London: SVT.L) group of companies. An international environmental services leader, Severn Trent is a FTSE 100 company.

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