



In-Situ® Inc. announces the new Con TROLL® PRO system for continuous process control and environmental monitoring



ConTROLL PRO with sensors

In-Situ Inc. announced the new Con TROLL PRO system for process control and environmental monitoring applications. Municipalities and industrial facilities can use the Con TROLL PRO as a process controller, local display, logging device, and instrument interface. Designed for use with In-Situ Inc. water quality and water level sensors, the controller provides real-time data and integrates easily with SCADA and PLC systems. The Con TROLL PRO also operates as a standalone unit for field monitoring applications. The controller is fully compliant to UL/CSA safety standards and meets CE and FCC standards for heavy-industrial environments. The Con TROLL PRO can display and report multiple parameters from up to two In-Situ Inc. sensors. Users can quickly access and download data via *Bluetooth*®

wireless technology and a RuggedReader® handheld PC or laptop.

"I deployed an RDO® PRO dissolved oxygen sensor into a wastewater treatment plant aeration basin and used the Con TROLL PRO as a local, real-time display, and logging device," said beta tester *Wayne Ramey* of Ramey Environmental Compliance, Inc. "The plant monitors DO during aerobic and anaerobic cycles of treatment. Since the instrumentation was new to us, we compared RDO PRO readings to those of our freshly calibrated handheld device. We could see how accurate the RDO PRO sensor really was even after six weeks without calibration or cleaning. Bottom line, the sensor and controller worked great."

Industrial and municipal water and wastewater treatment facilities can use AC mod-

els of the Con TROLL PRO and the RDO PRO sensor to monitor various stages of treatment. In-Situ Inc.'s RDO PRO sensor uses breakthrough optical/luminescence-based technology and is designed for demanding conditions, such as highly abrasive or anoxic environments. The RDO PRO sensor is insensitive to interferences such as hydrogen sulfide, chloride, chlorine, and ammonium. Aquaculture operations, food and beverage producers, and hydropower facilities all benefit from continuous measurement and control of DO concentration.

"Process control professionals will benefit from In-Situ Inc.'s aggressive investment into new product development," said *Bob Blythe*, CEO and President of In-Situ Inc. "The new Con TROLL PRO system ensures safe operation, simplifies system integration, and improves process performance by expanding application of the rugged, reliable RDO PRO sensor."

Environmental and remote monitoring applications can use the standalone DC version of the Con TROLL PRO along with In-Situ Inc.'s RDO PRO sensor, Level TROLL® instruments, or Aqua TROLL® instruments. Applications include: Bay and estuary monitoring; flood control and warning systems; stream gaging; and long-term water monitoring. AC models are available with or without logging and include two low-voltage relays and two high-voltage relays. Relays can be used to trigger alarms, warning lights, pumps, gates, or other process control devices. DC models offer logging, two low-voltage relays, and flexible power supply options, including solar or external battery packs. Both AC and DC units offer power saving modes, Modbus/RS485 communication protocol, automatic sensor recognition, and two isolated 4-20 mA current loops. ■

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Rovatti presents the new MEKVX series



The new **Rovatti** close-coupled electric multi-stage centrifugal pumps, MEKVX series, have all components manufactured in micro-casting stainless steel AISI 316, and are able to combine high corrosion resistance, application flexibility, and

easy maintenance. These pumps are recommended in many civil and industrial applications for water supply and pressurization.

Developed and manufactured with the new advanced technologies in order to pump aggressive and corrosive waters, these new pumps are able to operate in the heaviest conditions with high efficiency and safety.

The thickness of all hydraulic components, without any welding, are grant-

ed to casted AISI 316 stainless steel pumps in the "EXTREME" range providing high wear resistance and longer lasting against corrosion. The efficient, compact, and noiseless close-coupled construction to the electric motor assures a wide range of applications and performances.

The MEKVX series, as well as all other pumps in the "EXTREME" range, are manufactured with the best available materials offering advanced technological solutions, longer operational life, reliability, and easy maintenance. ■

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