

OTT Hydromet Launches New HYDROLAB HL7 Water Quality Sonde

OTT Hydromet, a global leader in providing hydrologic and meteorologic solutions, introduces the HL7 multiparameter sonde for continuous monitoring.

LOVELAND, COLORADO, USA, August 24, 2017 /EINPresswire.com/ -- OTT Hydromet, a global leader in providing hydrologic and meteorologic instrumentation and solutions, introduces the [HYDROLAB®](#) HL7 multiparameter sonde for continuous monitoring of 9 key water quality parameters in open natural waters. HYDROLAB HL7 includes intuitive software for unmatched usability, exceptional power performance and proven sensor options, all delivering high data quality and reliability.

HYDROLAB water quality instruments and software help environmental scientists monitor the increasingly important changes in our water resources even in the harshest conditions. The sonde, when utilized with the central cleaning brush is ideal for long term deployments prone to bio-fouling such as in lakes, rivers, wetlands and estuaries.

“The HYDROLAB HL7 represents a smarter and more sophisticated water quality sonde”, said Ronan O'Maitiu, OTT Hydromet's Water Quality Product Manager. “Matching a strong sensor heritage with intensive development and testing produced massive gains in deployment options and great functionality all streamlined into intuitive software.”

Simple, intuitive, guided software for ease of use

The HYDROLAB Operating System, for use with the new HYDROLAB HL7 and HL4 sondes helps make better decisions, minimize errors, and increase efficiency in the lab and on the deployment site. This intuitive software is simple to use as it streamlines data collection and calibration tasks necessary to validate accurate data. Users can quickly view the current status of the instrument and ensure it is working properly by viewing active alerts, color coded health indicators, and sensor diagnostics. This powerful software also provides calibration logs and metadata to help validate measurements and fulfill QA/QC requirements.

With multiple communication interfaces, including SDI-12 and RS485 Modbus communications, the HL7 can be easily integrated into a variety of data collection platforms and real time transmitters. Data can also be transferred from the sonde on site or back at the lab using the USB interface.



HL7 water quality multiparameter sonde in open natural waters.

Maximize deployment life and minimize maintenance

Field and lab tested under extreme conditions proves this sonde withstands heavy everyday use of demanding field deployments for continuous monitoring deployments greater than 90 days. Extended field deployments are possible with proven sensor technology, a new advanced power management system for low power consumption and a central antifouling cleaning brush. Other important features of the HL7 include: a removable battery cartridge with LEDs, keyed cable connector, and up to nine tried and true smart sensor options. The HL7 sonde reduces users' total cost of ownership by extending field deployments and minimizing the frequency of maintenance.

Global customer service

Serving a global market, OTT Hydromet has HYDROLAB service centers located throughout the world, in the United States, Europe, China, Brazil, Mexico, and Australia. Not to mention unparalleled customer service and technical support providing fast responses and near on-demand technical expertise for all HYDROLAB products.

[View the HL7 Video](#)

[Download the HL Series Brochure](#)

About OTT Hydromet: The globally operating OTT Hydromet GmbH can look back on a more than 140-year history and has its headquarters in Kempten, Germany. In Europe, it is the leading provider of complete hydrometric systems for performing hydrological and meteorological measurements. Its subsidiaries and agencies in more than 90 countries supply efficient solutions in hydrometrics, meteorology, and environmental technology. With the recent additions of Sutron Corporation (2015) and G. Lufft GmbH (2016), the OTT Hydromet Group offers the broadest portfolio of hydrologic and meteorological solutions. With its trend-setting measurement and communication technology in the fields of water quality, water quantity, meteorology, data management and telemetry, the company contributes sustainably to protecting the environment.

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