



# THE **MULTI**SERIES

a line of sensors and central units for waste water and process control



*Suspended solids, sludge blanket/fluff level and dissolved oxygen*



# *The flexible serie of sensors - the Multiserie*

Cerlics Multiserie gives new possibilities for portable and stationary measurement. All sensors in the Multiserie have full flexibility and can be used both as a portable meter and as stationary installed. As a user you can easily switch between the different sensors and between installations. There is the possibility to download the latest software from Cerlic's website.

## **FEATURES**

- ▶ Flexible- choice of portable or stationary central units
- ▶ Flexible- choice of sensors, SS, DO, ODO, & BT
- ▶ Flexible- choice of optical or electrochemical electrodes
- ▶ Flexible -changeable in the field at any time!
- ▶ No color compensation due to transmission of NIR
- ▶ Winding possibility, no touch wrap
- ▶ High quality stainless steel execution
- ▶ Highly competitive in price!
- ▶ Simple to work with, the whole electrode is easily replaced
- ▶ Optical electrodes not sensitive to H<sub>2</sub>S gas
- ▶ Download free upgrade of software from homepage
- ▶ Plug and play with any of the Multiserie central units
- ▶ Long-term stability and long maintenance intervals
- ▶ Well proven technology since 35 years
- ▶ Digital sensors remember the calibration

***Multiserie - competitive in price***

## SENSORS



### MULTI OXYDUO

Sensor for measuring dissolved oxygen with either an optical- or electrochemical electrode. This brings the benefits of both measuring principles into one sensor.

The electrode can be changed in the field at any time and spare electrodes are available at a favorable price from Cerlic Controls. High quality execution in 316 stainless steel.

The Oxyduo can be used either with the portable Multitracker central unit or with the stationary Multifix.



### MULTI BLANKO

Blanko is a portable optical meter designed to measure sludge blanket and fluff level in clarifiers and thickeners in water and wastewater plants, as well as in other facilities.

The Blanko is able to store up to 250 measurements as a graphic profile. Each with information about time, date and location that may be named by the user. Each profile also contains data about blanket and fluff levels that apply for the specific measurement. The sensor is made of high quality 316 stainless steel.

The Blanko is only supposed to be used in combination with the portable central unit, Multitracker.



### MULTI SOLIDO

Solido is designed to measure suspended solids by means of transmission of light. Thus, no color compensation is required. The sensor is used for measurement of suspended solids in aeration basins (MLSS), return sludge troughs, SBR-systems, raw sewage, primary clarifier effluent and sewer monitoring in industrial plants.

The Solido is able to store up to 1000 measurements, each with information about time, date, location, that may be named by the user. High quality execution 316 stainless steel.

The Solido can be used either with the portable Multitracker central unit or with the stationary Multifix.

## CENTRAL UNITS

### MULTITRACKER – PORTABLE ▶

A development of the proven Blanket tracker portable device. It is protected in a robust IP65 (NEMA 4) housing suited for handling in demanding environments.

The built in vibrator and acoustic signals alert operator of preset.



### MULTIFIX – STATIONARY ▲

The Multifix is a stationary version of the Multitracker. It has very durable aluminum housing, and back lit display. It gives you the possibility of turning your Multi-series sensors into a fixed installation.

## ABOUT CERLIC

Cerlic develops, manufactures and markets instruments for on-line measurement and monitoring of process parameters. The target business areas are primarily wastewater treatment plants, pulp and paper mills and other process industries. Our line of instruments is characterized by a high degree of quality, functionality and user-friendliness.

Cerlic Controls was founded 1977. Our knowledge and experience of processes and applications combined with our rugged measuring instruments provides customers with reliable and continuous on-line information as well as enhanced knowledge about plant processes. Factory calibrated sensors allow for immediate measuring after installation. Easy operation and minimal maintenance separates Cerlic from the competition.

Cerlic is based in Sweden with subsidiaries in Asia, Europe, North America, plus a world wide distributor network that will ensure sales and service support.

### **Service & Training**

At Cerlic, our relationship with customers begins with the sale rather than ends. We offer training courses in order to increase "users" knowledge about the instruments. Our dedication to "service after the sale" is reflected in our existing customers' loyalty.



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