

OxyTechw² and WaterTechw² Sensors



Advanced Optical and
Electrochemical Sensors
for use in Wastewater, and
Industrial Effluent applications

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OxyTechw² and WaterTechw² Sensors

Sensors and Applications

- OxyTechw²™ OPT
 - Dissolved Oxygen
 - Temperature
- OxyTechw²™ GAL
 - Dissolved Oxygen
- WaterTechw² pH8000
 - pH
 - Temperature
- WaterTechw² Redox8000
 - Redox
 - Temperature
- WaterTechw² PHEVT
 - pH
 - Redox
 - Temperature
- WaterTechw² C4E
 - Conductivity
 - Salinity
 - Temperature

OxyTechw² Sensors

The OxyTechw² range of sensors offer highly reliable measurement of Dissolved Oxygen (DO) in a wide variety of applications. We offer the choice between optical and galvanic measuring principles and are happy to provide guidance regarding the most appropriate technology for your application.

Optical or Luminescent measurement of DO has recently become the favoured measurement principle and has advantages where fast response time is necessary or the measurement is to be taken in a very low flow environment. In many applications the use of a high quality galvanic sensor will provide excellent long term measurement, our sensor uses a unique combination of electrolyte and anode material. The OxyTechw² GAL will operate for 3 years or more without the need for any maintenance other than cleaning and calibration.



OxyTechw² OPT



OxyTechw² GAL



WaterTechw² pH8000/Redox8000



WaterTechw² C4E



WaterTechw² PHEVT

WaterTechw² Sensors

Measurement of Conductivity, pH, Redox and Temperature is the basis of many monitoring requirements. The WaterTechw² range of sensors have been designed to provide trouble free measurement of these key parameters. The WaterTechw² PHEVT sensor provides pH and Redox in a single electrode package along with Temperature. The Plastogel® electrode will work in low conductivity applications such as moorland waters, through to wastewater applications. The WaterTechw² pH8000 and Redox8000 sensors provide cost effective measurement using market leading flat-face electrodes with ERP reference technology to provide long life, accurate measurements.

The WaterTechw² C4E sensor combines Conductivity and Temperature giving the option of Salinity measurement. The sensor can be used for applications in water, surface water and wastewater giving process control and effluent quality data that can both save money and improve water quality.

Applications

- Activated Sludge Control
- Final Effluent Compliance Monitoring
- Intake Protection
- Inlet Monitoring
- Dosing Control
- River Quality Monitoring

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