



# Welcome to Partech Instruments

Over the past fifty years at Partech, we have continuously improved our accurate, robust and reliable water quality measurement equipment.



Our British-built products continually exceed expectations in multiple industries, proving that we are the premier choice for accurate, cost-effective process measurement solutions.





## Why Us?

Our personal approach over the past half-century has allowed us to grow as a successful independent company by focusing on our people as much as our products.

We pride ourselves on unparalleled customer service before and after purchase as well as throughout installation, and an international support network of product specialists means that wherever you are, a swift human response is always available.

Throughout our catalogue you'll find the market-leading technology that has cemented our place in the industry.

Easy to use, intuitive products for a multitude of environments all feature alongside a genuine dedication to customer service.

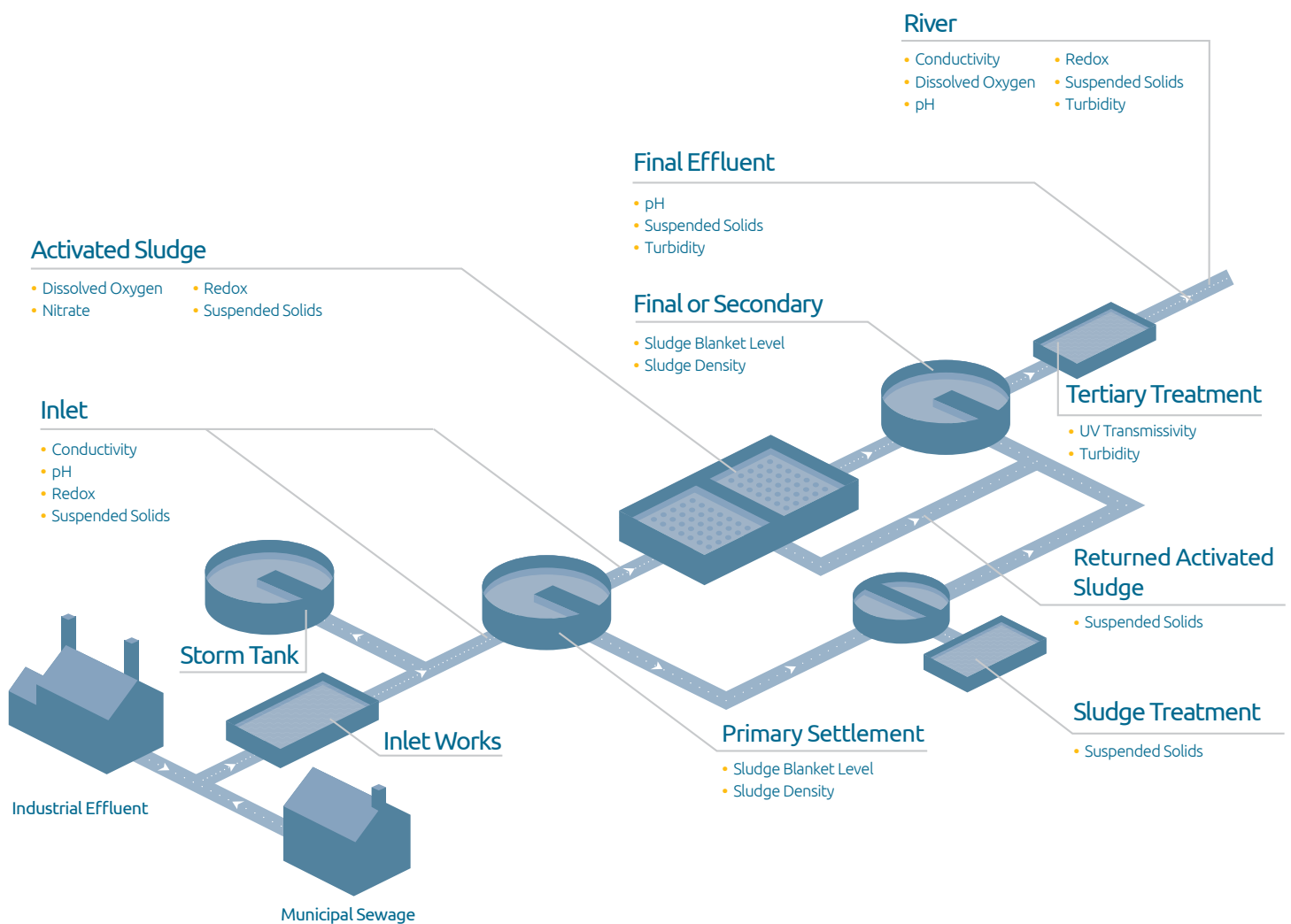
ISO9000 certification, UVDB listing and active membership of British Water add further clarification to the quality of our work as leaders in wastewater quality measurement equipment.



# Wastewater Treatment Plant

Accurate measurements are paramount for effective wastewater treatment, and with fixed and portable monitors available for 24/7 operation, you can keep everything under control and flowing freely.

We have technology for measurement in every wastewater scenario, from inlet and primary settlement all the way through to effluent discharge and sludge treatment, giving you precise process management.



# Products

At Partech we believe in using world class leading core technologies for high quality, innovative products. Their minimal maintenance and customisable nature, partnered with our swift personal response and expert support team means you'll have no problems choosing from the Partech portfolio.



## 7300w<sup>2</sup> Monitor

The centre of Partech's online world. Innovative menu structure, designed around the user. Multiple Sensor input and configurable outputs for display and control.



## TurbiTechw<sup>2</sup> LA & HR Suspended Solids Sensors

TSS sensors with the worlds most advanced cleaning system, capable of accurate and stable measurements in even the harshest of environments.



## TurbiTechw<sup>2</sup> LS Suspended Solids & Turbidity Sensor

Light Scatter Sensor for accurate Turbidity Measurement in Final Effluent. MCERTS Approved for complete regulatory compliance.



## 740 Portable Suspended Solids Monitor

Market leader for portable TSS & Turbidity Measurements. Up to 10 programmable sites to allow simple confirmation and calibration of online instrumentation.



## OxyTechw<sup>2</sup> RDO Pro-X Dissolved Oxygen Sensor

State of the art Optical DO measurements, using the most abrasion resistant sensor available to ensure accurate and repeatable measurements in any environment



## Waterwatchw<sup>2</sup> pH8000/Redox8000 - pH & ORP Sensors

Designed specifically for waste water applications: flat-faced, gel filled electrodes with extended reference pathways for superior resistance to fouling and contamination.



## TurbiTechw<sup>2</sup> LR

ISO 7027 compliant infra-red LED technology ensure the lowest maintenance cost for any FlowCell Turbidity system. Unique "dry" standards remove the need for complex liquid calibration.



## ColTechw<sup>2</sup>

Inlet protection and coagulation control system, the ColTech includes self-cleaning and unique "dry" standards to enable low maintenance and high accuracy readings.

*"Partech have always met my needs and expectations and their after-sales services and support are excellent. I would not hesitate to recommend them to anyone."*

KIER SERVICES ON CONTRACT WITH ANGLIAN WATER, UK

# Sludge Blanket

Partech have been designing, promoting and maintaining Sludge Blanket Monitors for over 40 years. This experience combined with a product range that includes portable, fixed point and continuous monitors using infrared and ultrasonic technologies makes us the leading supplier in this field.



## SludgeWatch 715 Sludge Blanket Detector

One of the worlds most popular Sludge Blanket detectors, simple to use with a range of sensor heads to suit all applications and installations. spot check measurements or online verification.



## 8100 and 8200 Sludge Blanket Detectors

Single or dual point monitors for pump control, cost effective method of reducing pump running time (energy and maintenance savings) and ensuring no unexpected overfills.



## ASLD2200 Sludge Blanket Monitor

Online version of the popular 715 system providing stable, online sludge blanket detection. Infra-Red Sensors reduce setup time when compared to UltraSonic Systems.



## SludgeWatch Ultra Sludge Blanket Monitor

Non-contact, self-cleaning Ultrasonic head provides real time sludge blanket level, tank profile and pump control systems.

## Additional Products

Partech is never standing still, our R&D teams are working to ensure we are able to help our customers solve their problems with the very latest in available technology.



## SoliTechw² IL

Inline, Back Scatter Sensor for TSS and Turbidity readings. high and low range versions available. Can be combined with Partech's range of Sludge Blanket Sensors to provide a fully automated Sludge Pump control system.



## OilTechw² FLT

Non-contact reflection sensor for the detection of floating hydrocarbons. Cost effective method of leak detection and intake protection for municipal and industrial applications.



## UV-T

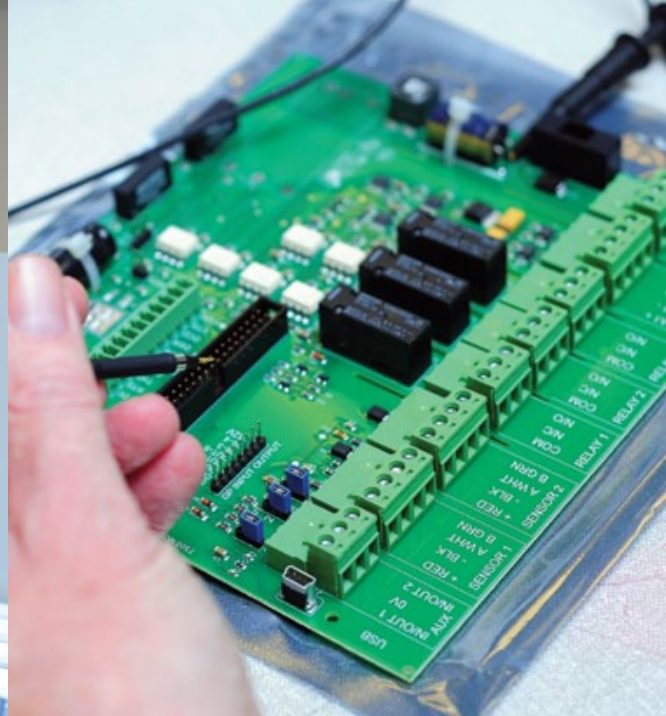
Unique LED source removes the need for environmentally damaging Mercury based light sources and reduces the cost of ongoing maintenance from UV-T measurements. UV disinfection control just got simpler! Portable and Online systems available.



## Triple Validation

For applications where critical measurement control is required, Partech's Triple Validation is a world leader in providing complete peace of mind, regardless of the demands.






We offer a free site survey for all UK customers, including a detailed report of possible process locations, recommended products and proposed running expenses for individual or turnkey projects.

Construction and installation of Partech products is completely taken care of by our fully trained engineers, with most panels and enclosures being pre-prepared in our workshop to allow for straightforward site installation.

The servicing, maintenance and repair of instruments has been a part of our business for the 50 years we've been trading. We are not limited to our own instruments; so routine cleaning or a complete system overhaul is absolutely possible with Partech.



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