

# SPECIALISTS IN WATER QUALITY MONITORING

## THE TOC MONITORING SPECIALISTS

Founded in 1990, PPM pioneered TOC (Total Organic Carbon) measurement through its unique range of Protoc<sup>™</sup> analysers. The Protoc<sup>™</sup> analyser is now extensively used throughout the world to measure organic loading and identify pollution. Applications include in-process waste minimisation under IPPC regulations, water recovery, condensate return, surface water and compliance

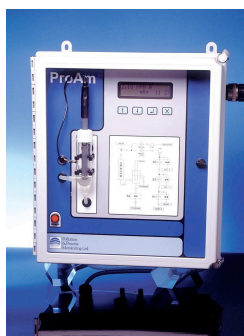


monitoring of effluent discharge. Offering reliability, highly accurate measurement and a fast response, Protoc<sup>™</sup> analysers are frequently used for real time monitoring and control, in preference to alternative methodologies such as BOD and COD, which can only provide historical data. The Protoc<sup>™</sup> family includes models for single and

multiple stream analysis, duplexed analyser measurement for critical sample streams, automatic calibration, chemical cleaning and data recording. Trace level analysis is also accommodated by the Protoc<sup>™</sup> TL range offering PPB (Parts Per Billion) detection such as required within the pharmaceutical and semi-conductor industry.

## INNOVATIVE AMMONIA MONITORING

The ProAm<sup>™</sup> has been designed to provide either continuous or intermittent analysis of ammoniacal-nitrogen concentrations particularly for waste water effluent and river water abstraction applications. The innovative design utilises ion selective technology (gas sensing ISE) combined with an innovative fluid delivery system which reliably delivers sample, calibration and cleaning acids to the measurement ISE. Additionally, the internal peristaltic sample pump is capable of drawing a sample directly from an effluent channel typically without any need for sample preparation. The compactness and simplicity of design has received considerable praise from users throughout the water treatment, landfill and manufacturing industries that have installed the technology.



## REPRESENTING THE BEST IN ASSOCIATED TECHNOLOGIES



PPM also represents many leading international manufacturers supplying closely associated products to the water and waste industries. Devices such as the innovative IQ Sensor Net system from WTW, Germany allow multiple sensor / parameter connection and a modular “plug and play” approach to deliver increased flexibility and considerable cost savings to the end user. Additionally, non-contact technology for oil measurement has also proved extremely successful and further demonstrates how PPM integrates leading technology into their product range.

## TURNKEY SYSTEM SOLUTIONS

PPM specialise in providing a complete turnkey service. Systems supplied can be supported by a comprehensive range of analyser wallboards, walk-in analyser kiosks, sample filtration, sample acquisition including duplex pump control, data logging and display packages. Additionally product training, service support and maintenance contracts are also provided.

## CURRENT USERS OF PPM TECHNOLOGY INCLUDE

- **BP**
- **Dupont**
- **RWE n-power**
- **Land Rover**
- **Pfizer**
- **The EA**
- **Anglian Water**
- **Severn Trent Water**
- **Wessex Water**
- **United Utilities**
- **Premier Foods**
- **Coors Brewers**
- **Coca Cola**
- **Constellation Europe Ltd**
- **Birmingham International Airport**
- **Manchester International Airport**



Pollution  
& Process  
Monitoring