

Pollution & Process Monitoring Ltd...

water quality instrumentation specialists

PPM is a UK manufacturer & distributor of on-line water quality instrumentation suitable for water, waste-water and process control applications. We have considerable experience providing bespoke monitoring stations including sample preparation, sample acquisition, secondary enclosures and analyser kiosks, to suit the application. Distributed product includes electro-chemical and optical sensor technology, specifically designed to provide reliable measurement including options to connect multiple sensors to a common transmitter to reduce the cost of installation.

Towable Trailer Monitoring System

PPM can engineer, bespoke trailer mounted systems comprising both probe and analyser technologies to suit the intended application. The trailer provides a secure and weather proof enclosure for temporary installation allowing site investigation at problematic sites or collection of data during commissioning of new treatment process.



The engineered system would include frost protection, lighting, electrical distribution and plumbing to the pre-mounted instrumentation. Base units can be installed to provide bench top workstations allowing discrete measurements and storage for ancillary items.

A typical monitoring system would also include sample acquisition, sample preparation for analytical measurement, data recording and GSM communications allowing remote access.

Analytical measurements may include Total Organic Carbon (TOC) to identify organic load; ammonia, nitrate & phosphate to monitor nutrient loading, and iron /aluminium to monitor coagulation processes.

Probe technologies can be provided to determine inlet pH or conductivity where traders may impact on biological treatment; DO, ammonium and MLSS within process; and final effluent turbidity to monitor physical water quality.

PPM engineers can provide a commissioning service and assist in site relocation, where rapid deployment is required. Planned maintenance contracts may also be provided to support installations and maintain reliable instrument operation.



Water quality measurement data can be locally stored or remotely accessed from a secure website. Text messaging or e-mail notification can also prove useful to alert scientists and engineers, when critical processes may be about to fail or consent limits could be breached.

Since the instrument selection and final bespoke build may be specific to the individual application, please contact PPM to discuss what analyser or probe technologies can be integrated into a robust, towable water quality monitoring system.



Pollution
& Process
Monitoring

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