



Making Sense of Water

valeportwater.co.uk



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Making Sense of Water

Valeport Water is a family-owned company that design and manufacture innovative, highly accurate and reliable instrumentation for the water industry.

We bring new developments and technologies to support those who measure, monitor and evaluate the water, supplying a worldwide customer base that includes:

DRINKING WATER

WASTE & INDUSTRIAL WATER

HYDROLOGY & SURFACE WATER

HYDROGEOLOGY & GROUND WATER



About Valeport Water

The Valeport Group is one of the UK's leading manufacturers of oceanographic and hydrographic instrumentation. With a heritage of more than 50 years in developing environmental monitoring sensors and instruments, Valeport is known globally for its expertise in developing marine technology.

For the last 20 years we've drawn on our expertise and understanding of signal processing, low power PCB design, high tolerance manufacture and the calibration of instrumentation that can survive the most extreme environments, to provide sensors and instruments specifically for the water industry.

Valeport is firmly founded on R&D and our focus is to develop solutions to problems both existing and new, providing customers with the highest quality data combined with an improved user experience from our robust, accurate and state-of-the-art sensors and instruments.

Please contact us to discuss your requirements.

To find out more please contact our support team:

t. +44 1803 2w27910

e. info@valeportwater.co.uk

or visit our website:

www.valeportwater.co.uk

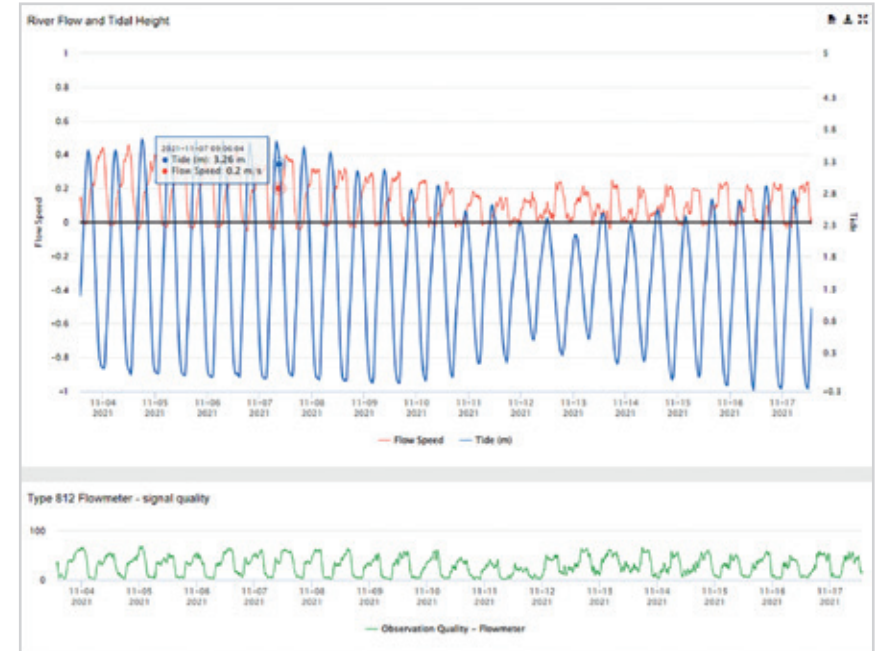


Telemetry

An automated process to measure, collect and transmit data from remote locations. Valeport Water offers the EnviroLog 4G a rugged, ultra-low-power 4G remote control, telemetry and logging module for harsh environmental conditions.

It has an industry-leading range of data collection, delivery and management options, effectively a “platform” offering fully scriptable operational scenarios for the collection, handling and delivery of data using Valeport Cloud.

The EnviroLog 4G can be combined with a range of Valeport sensors including the Type 812 doppler velocity flowmeter, the Hyperion range of fluorometers and a number of industry standard sensors such as atmospherically compensated pressure sensors.



Flow

Valeport Water is a world leader in the design and manufacture of flowmeters.

From simple impeller type instruments through more complex electromagnetic and most recently Doppler shift technology Valeport Water can provide a water flowmeter to meet your specific requirement.

Typical applications include pipeline insertion, open channel and shallow water, waste water systems, treatment plants and laboratory analysis. Systems are suitable for both temporary deployment or permanent installation and can be combined with our logging and telemetry solutions.



Level

Long-term, systematic water level measurements provide essential data to evaluate resource changes over time, develop models and forecast trends and aid the design, implementation and monitoring of the effectiveness of water management and protection programs.



Many of the issues traditionally associated with water level measurement have been solved in the VRS-20 pulsed K-band radar level sensor.

Versatile and simple to install, the VRS-20 has been developed to work seamlessly with the TideMaster Tide Display/Logger and other third-party

data loggers using RS232, RS485 and SDI-12 communication. Non-contact technology removes the installation, corrosion & fouling issues of submerged sensors, while simplifying datum control. Accuracy and performance are unaffected by changes in water density and atmospheric conditions.



Optical Sensors

Valeport Water's Hyperion optical sensors deliver high-performance measurements in a compact and robust package. They offer an industry-leading dynamic range with no adjustment of gain settings required.

Ideal as a standalone sensor for surface and ground water monitoring or used as part of a multi-sensor array and data logger. These sensors are compatible with EnviroLog as a standalone system and the EnviroLog 4G telemetry and data hosting package Valeport Cloud; real-time data is available.

Valeport Water optical sensors have a titanium housing, a wide range (9-28V DC) isolated power supply and open-source data output up to 16Hz with RS232, RS485 and Modbus RTU communication protocols.



Parameters available

- Chlorophyll a
- Phycocyanin
- Fluorescein
- Rhodamine WT
- Sulforhodamine B
- Turbidity



Warranty

Design, Manufacture and Test



Valeport Water products are developed from listening to our customers' needs and requirements. Our expert in-house team's key skill is in translating a market-led idea into a specification, then a design and, ultimately, a product.

All our products carry a **3-year warranty** from new. The ISO accredited Quality System that governs our manufacturing process is fundamental to Valeport Water and assures our customers that we provide only outstanding products and services.

Our environmental management system also meets international industry specific environmental standards and we are ISO 14001 accredited. Committed to maintaining a safe and healthy working environment, Valeport Water is ISO 45001 certified.

Valeport Water Service

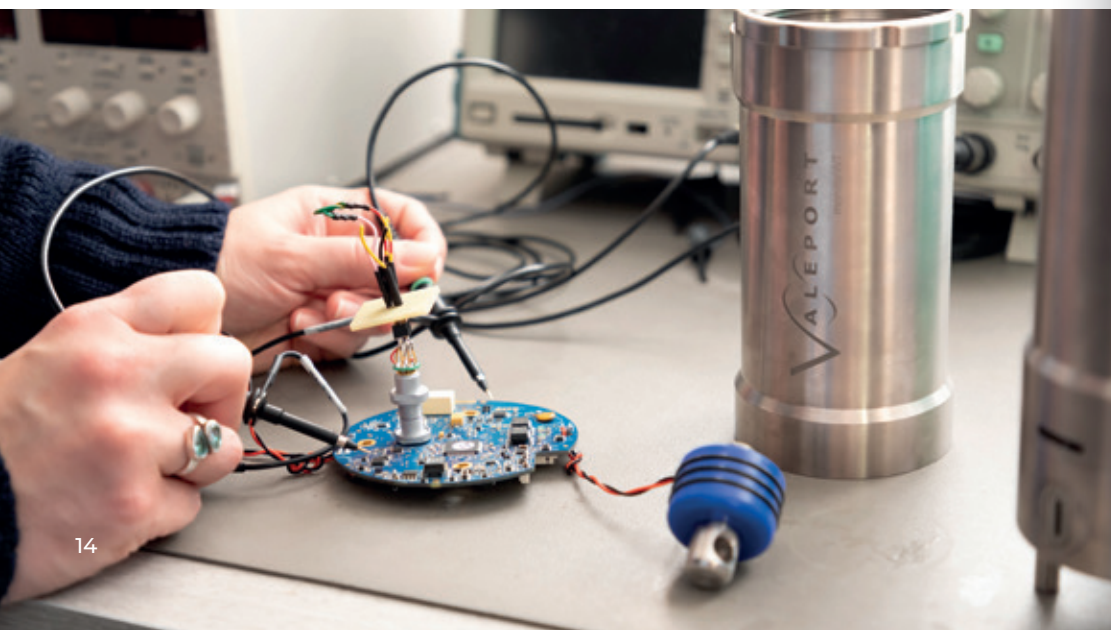
Service and Calibration



We believe the sale of an instrument is the start of our relationship with a customer, so we offer a lifetime product care approach to Valeport Water products.

From our modern laboratories and workshops, our Service and Calibration staff are able to keep Valeport Water instruments performing as new for many years. This enables us to offer a unique full **12-month warranty** on all serviced Valeport Water equipment – giving our customers precisely the same confidence in our products that we have.

To find out more please contact our sales team:
t. +44 1803 227910
e. info@valeportwater.co.uk
or visit our website: **www.valeportwater.co.uk**



2022

Valeport Water Limited
St. Peter's Quay, Totnes,
Devon TQ9 5EW UK

t. +44 1803 227910

e. info@valeportwater.co.uk

or visit our website:

valeportwater.co.uk

