

# NEW!

## EasyProbe™

- spot-checking
- unattended logging
- remote telemetry
- lakes, rivers, estuaries
- water and waste water
- process control



You've never seen this  
performance at this  
price in a water-quality  
instrument

temperature  
dissolved oxygen  
conductivity and salinity  
pH  
turbidity  
ORP  
depth and level



**eureka**  
water probes



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# The EasyProbe™ Package

The EasyProbe20 package includes: a multiprobe with sensors for temperature, dissolved oxygen, conductivity and pH; 5 metre underwater cable, weighted sensor guard, tool and maintenance kit, memory stick with instruction manual and technical notes; the mantaMobile Bluetooth® battery pack; optional Bluetooth-equipped tablet with rugged field enclosure and a soft carrying case.

The EasyProbe30 package adds: a turbidity sensor with integrated wiper system (and optional internal logging battery pack).

Custom packages and options available. Other options include ORP and depth sensors; longer underwater cables up to 50 metres long; SDI-12 and /or MODBUS output, an option to add Android™ tablet or an Apple iPad, or simply use your own existing iOS™ or Android™ display.



## How to Buy an EasyProbe

Contact RS Hydro  
- exclusive UK and European Master Distributor and service centre for the EasyProbe and all other Eureka products.

Please visit [www.rshydro.co.uk](http://www.rshydro.co.uk) and request a quote, or contact us via phone or email.

Phone:  
+44 1527 882060

Email:  
[sales@rshydro.co.uk](mailto:sales@rshydro.co.uk)

## Benefits of the EasyProbe...

**Designed and made in-house at Eureka** - Eureka has been designing and manufacturing market leading water-quality monitoring instruments since 2002.

**Wide range of applications** - The EasyProbe™ is a member of the Manta family, which since 2002 has proven itself in every kind of application – deep or shallow; hot or cold; fresh or salt; clean or foul; lakes, rivers, estuaries, marine and process waters in thousands of sites around the world. Eureka uses only materials and sensors that will perform and maintain specification in all field conditions.

**High accuracy** - Eureka builds instruments around the best sensors in the world and are extensively tested and used by government agencies and clients across the world.

**Stocked and easy to order** - Standard packages in stock ready for next day delivery.

**Reliability** - Multiprobes are designed and built for demanding field conditions that they are the only manufacturer providing a three-year comprehensive warranty that includes all sensors. Designed for the harshest environments, they are corrosion-resistant and manufactured from strong and durable Delrin.

**Low cost** - The EasyProbe line is built for economy. With its competitive purchase price and three-year warranty that covers all sensors, the EasyProbe will minimize your cost of ownership.

**Easy to operate** - Eureka's strength is combining extensive technical expertise with expert understanding of real field conditions, making the EasyProbe™ easy to use, with accurate measurements possible even by a novice.

**Customer service** - Part of RS Hydro's success is built on providing 24/7 customer technical support, quick turnarounds and a UK-based service centre with factory trained technicians. As the master distributor for Europe, we work closely with both Eureka and our customers to provide the best possible product and friendly service.

## Connectivity

The EasyProbe™ communicates via the underwater cable to the mantaMobile, which is a rechargeable, lithium battery and a Bluetooth® modem in a waterproof case. The mantaMobile communicates via the MantaLink using Bluetooth® to just about any Android™ or Apple™ display device, including tablets and phones. The mobile App walks you through the instrument setup, providing step by step instructions to get your EasyProbe configured or calibrated ready for field deployment. No training or guidance is required.

Simply download the MantaLink software to your Android™ or Apple™ display and all functions and data from the EasyProbe™ are in your hand. Connecting the EasyProbe™ to your tablet or phone takes just a few seconds. MantaLink features the usual functions (such as calibrations), plus geofencing, automatic logging, data email, a simple menu structure and is easily read in sunlight.



## Parameters

- temperature
- dissolved oxygen
- conductivity and salinity
- pH
- turbidity
- ORP
- depth and level

## Applications

- spot-checking
- unattended logging
- remote telemetry
- lakes, rivers, estuaries
- water and waste water
- process control
- marine
- environmental



## The EasyProbes have several options to help with your field work.

Options include ORP and Depth sensors, integrated SDI-12 and MODBUS output, cable lengths of 5, 10, 20, 30, 40, and 50 metres and logging battery pack (EasyProbe 30 only).

## Accessories

Accessories include calibration cable, USB Adapter, SDI-12 Adapter Cable\*, MODBUS Adapter Cable\*, Android™ Field Tablets\* and Apple iPads™\* with waterproof cases.

# EasyProbe™ Specifications & Parameters

## EasyProbe™ Parameters

Parameter, Units	Range	Resolution	Accuracy
Temp, °C	-5 to 50	0.01	0.1
pH, units	0 to 14	0.01	0.2
ORP, mV	-999 to 999	1	20
Specific Conductivity, uS/cm	0 to 200,000	four digits; maximum of one decimal	1% of rdg +/-1
DO, % Sat	0 to 20	0.1	0.1
	20 to 50	–	3%
DO, mg/l	0 to 500	0.1	corresponds with % sat
Turbidity, FNU	0 to 400	four digits; maximum	2% of rdg or +/-0.2
Depth, m	0 to 25	0.01	0.05
	0 to 200	–	0.4
Barometric Pressure, mbar	400 to 900	0.1	1.5
TDS, g/l	0 to 65	0.01	5% of reading
Salinity, PSS	0 to 70	0.01	0.2

## EasyProbe™ Specifications

IP Rating:	IP68
Weight:	EasyProbe20 - 0.81Kg EasyProbe30 - 1.63Kg
Dimensions (including weighted sensor guard):	EasyProbe20 - 4.95cm diameter, 47.7cm long EasyProbe30 - 7.49cm diameter, 47.7cm long
Output options:	RS232, SDI12* and Modbus RTU*
Bluetooth Battery Life:	Up to 40 hours continuous use depending on sensors.
Certifications:	CE
Internal memory:	100,000 data points
External power requirements:	5-14vdc

\*optional



## About Eureka

Eureka was formed in 2002 by the innovators of the multiprobe industry dedicated to transforming multiprobe technology and customer support. Eureka is now the leading, global supplier of professional-grade multiprobes and multiprobe accessory systems, who still listen to our customers every day.



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