

temperature

dissolved oxygen

conductivity

pH

turbidity

ORP

depth and level



EasyProbe™

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

- spot-checking
- remote telemetry
- water and wastewater
- education and research
- aquaculture
- unattended logging
- lakes, rivers, estuaries
- process control
- laboratory
- ground water

eureka™
water probes

The EasyProbe

The EasyProbe20 includes:

a multiprobe with sensors for temperature, dissolved oxygen, conductivity, and pH/ORP in a 1.95" diameter instrument; weighted sensor guard, tool and maintenance kit, and soft carrying case.

The EasyProbe30 includes:

the same as EasyProbe20 plus a turbidity sensor in a 2.95" diameter instrument (and optional internal-logging battery pack).



Options

Depth (level) sensors, USB adapter, 5, 10, 20, 30, 40, and 50m underwater cables, integrated SDI-12 and MODBUS output for connection to third-party devices, Bluetooth-equipped tablet (Apple and Android) with rugged field enclosure, flow cell, copper anti-fouling kit, pipe kit, telemetry kit, and calibration solutions.

Why choose an EasyProbe?

Reliability. Eureka multiprobes are so well suited for demanding field conditions that Eureka is the only manufacturer providing a three-year warranty that includes all sensors. Superior sensors mean you can trust your data.

Fitness for Purpose. Eureka uses the best sensors available and materials that stand up to all field conditions. Eureka multiprobe construction and operation has been tested in thousands of demanding applications over several decades.

Lifetime Cost. Not only does the EasyProbe have a highly competitive purchase price, but it also has the lowest maintenance costs in the industry.

Service After Sale. In the event that you run into a problem, Aqualab Customer Support responds immediately to emails and phone calls, and does not rest until your problem is solved.

Ease of Use. EasyProbes are easy to calibrate and deploy. Our hallmark is software so simple you can walk yourself through in just a few minutes. You will not need a manual to learn the software features.

Warranty. Industry leading three year warranty.



Connectivity is Easy

The *EasyProbe* is the multiprobe itself. It communicates via the underwater cable to the mantaMobile™. SD1-12 and MOD BUS are available if you wish to connect to loggers, controllers, telemetry, etc.

The mantaMobile is a rechargeable, high-capacity lithium battery and a Bluetooth transceiver in a waterproof (IP67) case. The mantaMobile communicates via Bluetooth to just about any Android or Apple display device, including tablets and phones. The mantaMobile will power an *EasyProbe* for eight hours or more.

mantaLink™ is the software app used to access the functions and data from your *EasyProbe*. Installing mantaLink on your display device (phone or tablet) takes just a few minutes; after that, connecting the *EasyProbe* to your display device takes just a few seconds. mantaLink features the usual functions (such as calibrations, parameter selection, Snapshot data capture, etc.), plus geofencing, automatic logging, data email, and a mercifully simple menu structure. With mantaLink's black background and large, white letters, your data device is easily read in sunlight.

EasyProbe Specifications

Multiprobe specification charts often come with footnotes stating qualifications such as “accuracy specification good at the time and temperature of calibration” or “all values within 1 standard deviation” or “SC accuracy applies only at the calibration point”. To avoid eyestrain from reading small print, the *EasyProbe* specification chart has “lab accuracy” and “field accuracy” columns. The latter gives you a more realistic idea of how your multiprobe performs, over time, under common field conditions.

EasyProbe Specifications

Parameter, Units	Range	Resolution	Lab Accuracy	Field Accuracy
temp, C	-5 to 50	0.01	0.1	0.1
pH, units	0 to 14	0.01	0.1	0.2
ORP, mV	-999 to 999	1	20	20
SC, uS/cm	0 to 200,000	four digits; maximum of one decimal	1% of rdg +/-1	1% of rdg +/-1
DO, % Sat	0 to 200	0.1	0.2	0.3
	200 to 500	–	2	3
DO, mg/l	0 to 50	0.1	corresponds with % sat	
turbidity, FNU, NTU	0 to 1,000	four digits; maximum of two decimals	0.3 or 2% of rdg	0.5 or 3% of rdg
	1,000 to 4,000		4% of rdg	5% of rdg
depth, m	0 to 25	0.01	0.05	0.05
BP, mbar	400 to 900	0.1	1.5	1.5
TDS, g/l	0 to 65	0.01	5% of reading	5% of reading
Sal, PSS	0 to 70	0.01	0.1	0.2

Dimensions including weighted sensor guard: EP20 - 1.95”/50 mm diameter, 18.8”/47.8 mm long, 1.8 lbs/0.82 kg; EP 30 - 2.95”/75 mm diameter, 18.8”/47.8 mm long, 3.6 lbs/1.63 kg



About Eureka

Eureka has designed and manufactured top-shelf, water-quality monitoring instruments since 2002. We were the first to offer LED operation indicators, calibration logs for QA/QC records, PDA’s and cellphones for data displays, “smart” sensors, Bluetooth communication, transparent housings, USB-powered PC communication, the three-year warranty, etc.

Eureka’s unique expertise is learning the customers’ needs and then adapting the best available technology – especially sensors and software – to meet those needs.

Eureka multiprobes have proven themselves over two decades in every kind of application – deep or shallow; hot or cold; fresh or salt; clean or fouling; lakes, rivers, estuaries, near-shore marine, and process waters in thousands of sites around the world.



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