

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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