

Dimensions	Diameter	3.5 in, 8.9 cm
	Length, no depth	19.6 in, 49.8 cm
	Length, with depth	21.6 in, 54.9 cm
	Weight	7 lbs, 3.18 kg (batteries installed, with depth)
Power	External	12 V DC
	Internal	8 C-size alkaline batteries
Certifications	CE, EU Battery Compliance, FCC, IP-67, WEEE, and MCERTS Assembled in the USA	

	Range	Resolution	Accuracy
Dissolved Oxygen** % Saturation 6562 Rapid Pulse™ Sensor*	0 to 500%	0.1%	0 to 200%: ±2% of reading or 2% air saturation, whichever is greater; 200 to 500%: ±6% of reading
Dissolved Oxygen** mg/L 6562 Rapid Pulse™ Sensor*	0 to 50 mg/L	0.01 mg/L	0 to 20 mg/L: ± 0.2 mg/L or 2% of reading, whichever is greater; 20 to 50 mg/L: ±6% of reading
Conductivity*** 6560 Sensor*	0 to 100 mS/cm	0.001 to 0.1 mS/cm (range dependent)	±0.5% of reading + 0.001 mS/cm
Salinity	0 to 70 ppt	0.01 ppt	±1% of reading or 0.1 ppt, whichever is greater
Temperature 6560 Sensor*	-5 to +50°C	0.01°C	±0.15°C
pH 6561 Sensor*	0 to 14 units	0.01 unit	±0.2 unit
ORP	-999 to +999 mV	0.1 mV	±20 mV
Depth	Deep	0 to 656 ft, 200 m	±1 ft, ±0.3 m
	Medium	0 to 200 ft, 61 m	±0.4 ft, ±0.12 m
	Shallow	0 to 30 ft, 9.1 m	±0.06 ft, ±0.02 m
	Vented Level	0 to 30 ft, 9.1 m	±0.01 ft, 0.003 m
Turbidity* 6136 Sensor*	0 to 1,000 NTU	0.1 NTU	±2% of reading or 0.3 NTU, whichever is greater**
Rhodamine•	0-200 µg/L	0.1 µg/L	±5% reading or 1 µg/L, whichever is greater

• Maximum depth rating for optical probes is 200 feet, 61 m. Turbidity and Rhodamine are available in a Deep Depth option (0 to 200 m). **Anti-fouling** optical probes have depth rating of 200 m.
 **In YSI AMCO-AEPA Polymer Standards.
 •• Report outputs of specific conductance (conductivity corrected to 25° C), resistivity, and total dissolved solids are also provided.
 These values are automatically calculated from conductivity according to algorithms found in Standard Methods for the Examination of Water and Wastewater (ed 1989).
 • Maximum depth rating for all optical probes is

	Range	Detection Limit	Resolution	Linearity
Blue-Green Algae Phycocyanin•	~0 to 280,000 cells/mL† 0 to 100 RFU	~220 cells/mL§	1 cell/mL 0.1 RFU	R2 > 0.9999**
Blue-Green Algae Phycocerythrin•	~0 to 200,000 cells/mL† 0 to 100 RFU	~450 cells/mL§§	1 cell/mL 0.1 RFU	R2 > 0.9999***
Chlorophyll• 6025 Sensor*	~0 to 400 µg/L 0 to 100 RFU	~0.1 µg/L§§§	0.1 µg/L Chl 0.1% RFU	R2 > 0.9999****
• Maximum depth rating for all optical probes is	† Explanation of Ranges can be found	§ Estimated from cultures of <i>Microcystis aeruginosa</i>	**For serial dilution of	