

SE00025, SE00029, SE00030 SENSORS SPECIFICATIONS

Linearity	0.99R2
Dimensions	14.5 cm x 2.3 cm (5.7 in. x 0.9 in.) included
(L x Ø)	14.5 cm x 3.2 cm (5.7 in. x 1.25 in.) optional
Operating Temperature	Ambient Temperature: 0°C to 50°C (32°F to 122°F) Water Temperature: -2°C to 50°C (28°F to 122°F)
Max. Depth	600 m (1,970 ft)

Measuring Parameter	Min. Detection Limit	Range
A. Turbidity	0.05 NTU	0 – 3,000 NTU
B. Phycocyanin	2 ppb	0 – 40,000 ppb
C. CDOM/FDOM	0.15 ppb / 0.5 ppb	0 – 1,250 ppb / 0 – 5,000 ppb

Other Cyclops-7 Models Available for Measuring the Following Parameters:

Chlorophyll in vivo

Blue Excitation	0.025 µg/L	0 – 500 µg/L
Red Excitation	0.5 µg/L	>500 µg/L
Crude Oil	0.2 ppb	0 – 2,700 ppb
Refined Fuels	10 ppb	>10,000 ppb
Optical Brighteners	0.6 ppb	0 – 15,000 ppb
Phycoerythrin	0.15 ppb	0 – 750 ppb
PTSA Dye	0.1 ppb	0 – 650 ppb
Rhodamine Dye	0.01 ppb	0 – 1,000 ppb
Tryptophan	3 ppb	>20,000 ppb