

C-FLUOR



Cyclops-7F



Application	MDL	Linear Range	MDL	Linear Range
Chlorophyll (blue ex)	0.03 µg/L	0 – 100 µg/L	0.03 µg/L	0 – 500 µg/L
Chlorophyll (red ex, High CDOM)	0.3 µg/L	0 – 500 µg/L	0.3 µg/L	0 – 500 µg/L
Phycocyanin	0.8 ppb	0 – 4,500 ppb	2 ppb	0 – 4,500 ppb
Phycocerythrin	0.1 ppb	0 – 700 ppb	0.1 ppb	0 – 750 ppb
Turbidity	0.1 NTU	0 – 200 NTU	0.05 NTU	0 – 1,500 NTU
Rhodamine	0.03 ppb	0 – 200 ppb	0.01 ppb	0 – 1,000 ppb
Fluorescein	0.02 ppb	0 – 150 ppb	0.01 ppb	0 – 500 ppb
CDOM / FDOM	0.2 ppb QSE	0 – 500 ppb QSE	0.1 ppb QSE	0 – 1,500 ppb QSE
Oil – Crude	0.2 ppb PTSA	0 – 300 ppb PTSA	0.2 ppb PTSA	0 – 1,500 ppb PTSA
Optical Brighteners	0.08 ppb Uvitex (OBA)	0 – 300 ppb Uvitex (OBA)	0.6 ppb PTSA	0 – 2,500 ppb PTSA

Specifications

Input Voltage	3 – 15 VDC	3 – 15 VDC
T99	< 0.6 second	< 1 second
Gain	1	3
Data Out	0 – 5 VDC	0 – 5 VDC
Depth Rating	2,000 meters	600 meters
Dimensions	22.3 mm x 132.4 mm	22.3 mm x 144.8 mm (Stainless Steel and Titanium)
Weight	89 grams	142 grams
Connector	6-pin Titanium	6-pin Stainless Steel or Titanium
Housing Material	Titanium	Stainless Steel or Titanium or Delrin (bigger)
Power	140 mW @ 12V; Turbidity 120mW @12V	120 – 540 mW @ 12V
Factory Calibration	Yes	No