

C-FLUOR



Cyclops-7F



Application	MDL	Linear Range	MDL	Linear Range
Chlorophyll (blue ex)	0.03ug/L	0 - 100 ug/L	0.03 ug/L	0 - 500ug/L
Chlorophyll (red ex, High CDOM)	0.3ug/L	0 - 500 ug/L	0.3 ug/L	0 - 500ug/L
Phycocyanin	0.8 ppb	0 - 4,500 ppb	2ppb	0 - 4,500 ppb
Phycoerythrin	0.1 ppb	0 - 700 ppb	0.1 ppb	0 - 750 ppb
Turbidity	0.05 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
Specification				
Input Voltage	3 - 15VDC		3 - 15VDC	
T99	<0.6 sec		<1 sec	
Gain	1		3	
Data Out	0 - 5VDC		0 - 5VDC	
Depth Rating	2,000m		600m	
Dimensions	22.3 mm x 132.4 mm		22.3mm x 144.8mm (SSt or Ti)	
Weight	89 gm		142 gm	
Connector	6pin Ti		6pin SSt or Ti	
Housing Material	Ti		SST or Ti or Delrin (bigger)	
Power	140 mW @12V; Turbidity 120mW @12V		120 - 540 mW @ 12V	
Factory Calibrated	Yes		No	