



Optical Specification Guide

C-FLUOR Submersible Probes

P/N	Application	MDL	Linear Range	LED (CWL)	Excitation	Emission	Sol. Std.
2120-000-U	CDOM/FDOM	0.2 ppb*	0-500 ppb*	365 nm	325/120 nm	470/60 nm	2100-904
2120-000-C	Chl <i>in vivo</i> (Blue Excitation)	0.03 µg/L	0-100 µg/L	460 nm	470/60 nm	696/44 nm	2100-900
2120-000-D	Chl <i>in vivo</i> (Red Excitation)	0.3 µg/L	0-500 µg/L	635 nm	≤ 635 nm	> 695 nm	2100-900
2120-000-F	Fluorescein Dye	0.02 ppb	0-150 ppb	460 nm	400/150 nm	545/28 nm	2100-900
2120-000-O	Oil - Crude	0.2 ppb**	0-300 ppb **	365 nm	325/120 nm	410-600 nm	2100-904
2120-000-B	Optical Brighteners for Wastewater Monitoring	0.08 ppb***	0-300 ppb***	365 nm	325/120 nm	445/15 nm	2100-904
2120-000-P	Phycocyanin (Freshwater Cyanobacteria)	0.8 ppb ^{PC}	0-4,500 ppb ^{PC}	590 nm	595nm	≥ 645 nm	2100-900
2120-000-E	Phycoerythrin (Marine Cyanobacteria)	0.1 ppb ^{PE}	0-700 ppb ^{PE}	525 nm	515-547 nm	≥ 590 nm	2100-900
2120-000-R	Rhodamine Dye	0.03 ppb	0-200 ppb	530 nm	535/50 nm	590-715 nm	2100-900
2120-000-T	Turbidity	0.1 NTU	0-200 NTU	850 nm	850 nm	850 nm	N/A

C-FLUOR P/N: 2120-000-"Identification Letter"

No Connector C-FLUOR P/N: 2120-000-"Identification Letter"-NC

Power Requirement 12mA @ 12V

*** Quinine Sulfate**

**** PTSA (1,3,6,8-Pyrenetetrasulfonic Acid Tetrasodium Salt)**

***** Uvitex Dye (OBA)**

^{PC} **Phycocyanin pigment from Prozyme diluted in Deionized water**

^{PE} **Phycoerythrin pigment from Prozyme diluted in Deionized water**