

Quick Comparison Reference for Turner Designs Submersible Fluorometers

C-FLUOR



Features

Cyclops-7F



Features

Cyclops-6K



Features

C3/C6P



Features

Cyclops Integrator



Features

PhytoFind



Features

1 Optical Channel	1 Optical Channel	1 Optical Channel	Up to 3 or 6 Optical Channels	Up to 3 Optical Channels	4 Fixed Optical Channels
2,000m depth	600m depth	6,000m depth	600m depth	1,000m depth	600m depth
Temperature Sensor Not Available	Temperature Sensor Not Available	Temperature Sensor Not Available	Temperature Sensor Included	Temperature Sensor Not Available	Temperature Sensor Included
Depth Sensor Not Available	Depth Sensor Not Available	Depth Sensor Not Available	Depth Sensor Optional	Depth Sensor Not Available	Depth Sensor Optional
Integrated Wiper Not Available	Integrated Wiper Not Available	Integrated Wiper Not Available	Integrated Wiper Optional	Integrated Wiper Not Available	Integrated Wiper Optional
Titanium Housing	Stainless Steel, Titanium, Plastic, No Housing Options	Titanium Housing	All Plastic Housing	Anodized Aluminum Housing	All Plastic Housing
Signal Output: 0-5V DC	Signal Output: 0-5V DC	Signal Output: 0-5V DC	Signal Output: RS232 0-5V DC Optional (C3 only)	Signal Output: RS232 1 sec fixed sample interval	Signal Output: RS232
No Internal Data Logging	No Internal Data Logging	No Internal Data Logging	Internal Data Logging Included	No Internal Data Logging	Internal Data Logging Included
Size: 5.2" x 0.9" diameter	Size: 5.7" x 0.9" diameter (SS & Ti) 5.7" x 1.25" diameter (plastic)	Size: 6.6" x 1.75" diameter	Size: 9.1" x 3.9" diameter (C3) 10.8" x 5.25" diameter (C6P)	Size: 1.625" x 3" diameter	Size: 10.8" x 5.25" diameter
In-Line Operations: Yes	In-Line Operations: Yes	In-Line Operations: Yes	In-Line Operations: Yes	In-Line Operations: No	In-Line Operations: Yes
Optics Available: Phycocyanin, Phycoerythrin, CDOM, Chlorophyll, Fluorescein, Rhodamine, PTSA, Crude Oil, Optical Brighteners, Turbidity	Optics Available: Phycocyanin, Phycoerythrin, CDOM, Chlorophyll, Fluorescein, Rhodamine, PTSA, Crude Oil, Refined Fuels, Optical Brighteners, Tryptophan, Turbidity Custom optics available upon request.	Optics Available: Phycocyanin, Phycoerythrin, CDOM, Chlorophyll, Rhodamine, Crude Oil, Refined Fuels, Turbidity	Optics Available: Phycocyanin, Phycoerythrin, CDOM, Chlorophyll, Fluorescein, Rhodamine, PTSA, Crude Oil, Refined Fuels, Optical Brighteners, Tryptophan, Turbidity Custom optics available upon request.	Optics Available: Phycocyanin, Phycoerythrin, CDOM, Chlorophyll, Fluorescein, Rhodamine, Crude Oil, Optical Brighteners, Turbidity	Optics Available: Specialized optics for classification of Algal Groups