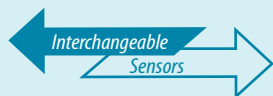


C6 Multi-Sensor Platform



C6 Multi-Sensor Platform

The C6 Multi-Sensor Platform integrates up to six Cyclops-7 fluorescence and turbidity sensors for extended or short-term deployments. The C6 provides individual automatic gain control, calibration, digital data reporting and datalogging for each Cyclops-7 sensor. Each C6 comes with factory-installed temperature and pressure sensors. C-Soft Windows™ based user interface allows for intuitive calibration, datalogging set up, and file downloading. Existing Cyclops-7 users can easily install their sensors onto the C6 Multi-Sensor Platform.



Available Sensors for Easy Integration

- Blue Green Algae
 - Phycoerythrin (marine)
 - Phycocyanin (freshwater)
- CDOM/FDOM
- Chlorophyll *in vivo*
 - Blue excitation
 - Red excitation
- Fluorescent Dye Tracing
 - Fluorescein
 - PTSA
 - Rhodamine
- Hydrocarbons
 - Crude Oil
 - Refined Fuels
- Turbidity
- Wastewater Monitoring
 - Optical Brighteners
 - Tryptophan

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C6 Highlights

- Six ports available for Turner Designs Cyclops-7 Sensors
- Temperature and Depth Integrated
- Fast Sampling Rate
- Windows™ Based User Interface with Data Management
- Robust Memory - Over 60,000 Data Lines
- Field installable mechanical wiper allows for extended deployments
- Depth Rating up to 600 meters



Integrates up to Six Turner Designs Cyclops Sensors



Interchangeable Sensors are Easy to Install



Add Additional Sensors in the Future



Optional Dual-Armed Mechanical Wiper

Reliable Instruments for an Unreliable World

C6 Multi-Sensor Platform



Robust Memory holds over 60,000 Data Lines

Easy to Mount Battery Bracket with eye holes used for External Lines or Fasteners

Dual Armed Mechanical Wiper Minimizes Biofouling

Extended Battery Life over 25 Days at 15 Minute Intervals

C6 Specifications

Weight in Air	2.74 kg ; 6.0 lbs.
Length	25.8 cm ; 10.2 in
Length with Sensors Attached	33.8 cm ; 13.3 in
Diameter	10.2 cm; 4.0 in
Material	316 Stainless Steel; Delrin
Temperature	-2 to 50 degrees C.
Depth	0-600 meters

C6 Electrical Specifications

Output	Digital (ASCII)
Interface	RS232 Interface
Minimum Sample Interval	1 Second
Minimum Power Supply	8 - 30 volts; 10 watts
Maximum Current Draw @ 12 volts	
- operational	200 mA
- sleep mode	3 mA

Ordering Information

INSTRUMENT	PART NUMBER
C6 Multi-Sensor Platform	2200-000

C6 ACCESSORIES	PART NUMBER
Mechanical Wiper	2200-450
Wiper Brush Replacement Kit	2200-452
Submersible Battery Pack	2200-601
Battery Pack Bracket	2200-603
Flow Cap	2200-700
Shade Cap (Recommended for most deployments)	2200-510
Solid Secondary Standard	2100-900
UV Solid Secondary Standard	2100-904
Communication and Integration Cable	2300-115
Boosters (Set of 2)*	2200-900
0.6 Meter Pigtail Interface Cable w/ Locking Sleeve	2200-170
10 Meter Extender Cable	105-2595
25 Meter Extender Cable*	105-2596
50 Meter Extender Cable*	105-2597

*Boosters are required for cable lengths greater than 10 meters

CYCLOPS-7 SENSOR PART NUMBER

Blue Green Algae - Phycoerythrin	2100-000-E
Blue Green Algae - Phycocyanin	2100-000-P
CDOM/FDOM	2100-000-U
Chlorophyll <i>in vivo</i> (Blue excitation)	2100-000-C
Chlorophyll <i>in vivo</i> (Red excitation)	2100-000-D
Crude Oil	2100-000-O
Fluorescein Dye	2100-000-F
Optical Brighteners	2100-000-B
PTSA Dye	2100-000-A
Refined Fuels	2100-000-G
Rhodamine Dye	2100-000-R
Tryptophan	2100-000-L
Turbidity	2100-000-T

Contact us for Custom Optics

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