

FluoroSense™

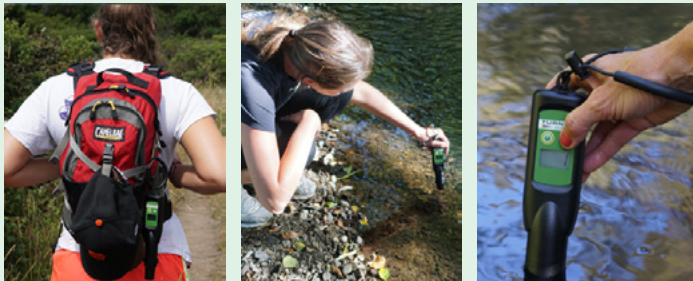
Handheld Fluorometer



FluoroSense Handheld Fluorometer

FluoroSense is a small, lightweight, highly durable handheld fluorometer ideal for quick *in situ* field measurements. Extremely simple to operate, the FluoroSense displays results within seconds. Factory-calibrated for a linear range of 0-199 µg/L, the only maintenance required is simply rinsing after use. Available in two optical configurations, chlorophyll and phycocyanin (PC), the FluoroSense can assist with identification of PC containing algae typically associated with Harmful Algal Blooms (HABs). Obtaining both PC and chlorophyll estimates helps in determining whether additional testing is required to check toxicity levels in a body of water.

Quickly assess pigment levels toward HAB identification



FluoroSense Specifications

Linear Range: 0-199 µg/L *in vivo* chlorophyll
0-199 µg/L phycocyanin

Resolution: 1µg/L

Power: 2 AA batteries (standard or rechargeable)

Temperature: 41° - 104°F (5° - 40°C)

Case: IP 67 standard; dustproof/waterproof

Light Source: LED

Detector: Photodiode

Weight: 4.3 oz; 120 g

Size: 8.9"x 2"x 1.75"; 22.6 cm x 5.1 cm x 4.5 cm

Ordering Information

INSTRUMENT	PART NUMBER
FluoroSense Handheld Fluorometer, Chlorophyll	2860-000-C
FluoroSense Handheld Fluorometer, Phycocyanin	2860-000-P
ACCESSORIES	PART NUMBER
FluoroSense Chlorophyll Standard Solution	2860-220
FluoroSense Phycocyanin Standard Solution	2860-221

Highlights

- Dustproof, waterproof, highly durable
- Small size easily fits in shirt or jacket pocket
- >10,000 measurements per AA battery set
- One-button operation
- Low maintenance

Introduction to Turner Designs

Turner Designs has manufactured more than 35,000 fluorometers which are in use around the world. Manufacturing instruments since 1972, we set the standard for field, submersible, handheld, laboratory and on-line fluorometers. We specialize in providing sensitive, reliable, easy-to-use fluorometers for environmental and industrial applications. Our employees take pride in providing quality instruments and responsive technical service.

Contact Us

Toll-Free : 1.877.316.8049

Email : sales@turnerdesigns.com

Address:

Phone : 408.749.0994

Web : www.turnerdesigns.com

1995 N. 1st Street

Fax : 408.749.0998

San Jose, CA 95112

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