

Opti-Check™

Handheld Fluorometer



Opti-Check Handheld Fluorometer

The Opti-Check is a small, lightweight, highly durable handheld fluorometer ideal for quick measurements in the field. Dual-channel capability enables measurement for both cooling tower and boiler system applications. Simple to operate, the Opti-Check is a perfect tool for system verification.



Applications

- Industrial Water Process Control
 - Cooling Towers
 - Boilers
 - Others

Opti-Check Specifications

Linear Range:

0-400 ppb typical for fluorescein

0-1000 ppb typical for PTSA

Sensitivity:

<1ppb typical for fluorescein and PTSA

Temperature: 41° - 104°F (5° - 40°C)

Warm-up Time: 5 seconds

Case: IP 67 standard; dustproof/waterproof

Power: 4 AAA batteries

Light Source: LED

Detector: Photodiode

Weight: 13.9 oz; 0.4 kg

Size: 1.75"x 3.5"x 7.25"; 4.45 cm x 8.9 cm x 18.4 cm

Ordering Information

INSTRUMENT	PART NUMBER
Opti-Check with PTSA Channel	8000-000-A
Opti-Check with Fluorescein Channel	8000-000-F
Opti-Check with PTSA & Fluorescein Channels	8000-000-AF

ACCESSORIES	PART NUMBER
10x10 mm Square Methacrylate Cuvettes (100 ea.)	7000-959
Replacement Storage Pouch	142-8000
Adjustable Solid Secondary Standard (For use with Fluorescein Channel Only)	8000-951
PTSA 100ppb Calibration Standard	10-608
PTSA 400ppb Calibration Standard	10-609
Fluorescein Dye 10 ppb Calibration Standard	10-508
Fluorescein Dye 400 ppb Calibration Standard	10-509

Features & Benefits

- Dustproof, watertight, highly durable case
- Small size easily fits in shirt or jacket pocket
- Operates using AAA batteries for >1,000 measurements per set
- Dual channels allow for quick toggling between two applications
- Single-point plus blank calibration
- 12 bit resolution
- 5 second warm up
- Low maintenance field fluorometer

Introduction to Turner Designs

Turner Designs has more than 20,000 industrial fluorometers installed around the world. Manufacturing instruments since 1972, we set the standard for on-line, field, submersible, handheld and laboratory fluorometers. We specialize in providing sensitive, reliable, easy-to-use fluorometers for industrial and environmental applications. We are an employee-owned company whose people take pride in providing quality instruments and responsive technical service.

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