

# 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.



### PRODUCT HIGHLIGHTS

- 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

### APPLICATIONS

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

### WHO WE ARE

Since 1972 Turner Designs has provided over 75,000 sensitive, reliable and easy-to-use fluorometers for environmental and industrial uses. We specialize in sensitive detection of materials with fluorescence properties. With distributors around the world, we provide free technical support for the life of our instruments.

### CONTACT US

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### PERFORMANCE SPECIFICATIONS

Linear Range:

0-400 ppb typical for fluorescein

0-1000 ppb typical for PTSA

Sensitivity:

<1ppb typical for fluorescein and PTSA

### OPTICAL SPECIFICATIONS

Light Source: LED

Detector: Photodiode

### ELECTRICAL SPECIFICATIONS

Power: 4 AAA batteries

Warm-up Time: 5 seconds

### PHYSICAL SPECIFICATIONS

Temperature: 41° - 104°F (5° - 40°C)

Case: IP 67 standard; dustproof/waterproof

Weight: 13.9 oz; 0.4 kg

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