

# Ballast-Check™

## Handheld Active Fluorometer



### Features & Benefits

- Quick Go/No Go Measurements
  - > Total Chlorophyll
  - > Yield (Fv/Fm)
- Portable, Handheld Fluorometer
  - > Dustproof, Waterproof
  - > Pocket-sized
  - > Battery-powered
- Low Maintenance
  - > Easy Calibration Check included with package

### Introduction to Turner Designs

Turner Designs has manufactured more than 30,000 fluorometers which are in use around the world. Manufacturing instruments since 1972, we set the standard for field, on-line, 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.

### Ballast-Check Handheld Active Fluorometer

The Ballast-Check is a small, lightweight, highly durable handheld fluorometer ideal for quick shipboard ballast water compliance checks of the IMO D2 standard for live organisms, 10-50µm. Factory calibrated and set for maximum accuracy at detection level concentrations, the Ballast-Check is ready for use right out of the box, no calibration necessary. The Ballast-Check has simple one-button measurements that display both estimates of total chlorophyll and yield (Fv/Fm). A risk level of gross exceedance (High, Medium, or Low) is displayed with the measurement.

### Ballast-Check Specifications

Linear Range: 0-100 µg/L typical

Sensitivity: 1 µg/L

Temperature: 41° - 104°F (5° - 40°C)

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



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