

# Ballast-Check 2™

## Handheld Fluorometer



### Quick Indicative Ballast Water Compliance Checks

Ballast-Check 2 is a small, lightweight, highly durable handheld fluorometer ideal for quick indicative compliance checks of ballast water. Factory set and optimized for the ballast water D2 regulations, the Ballast-Check 2 is ready for use right out of the box; all accessories are included and no calibration is required. Precision and accuracy of the Ballast-Check 2 have been independently tested and shown to correlate well with microscopy when estimating cell counts even after UV treatment. Simple one-button measurements display estimates for both algal abundance and algal activity, while also providing ship crew or port state control with an indication of risk for exceedance of the regulation. Results are logged internally and can be downloaded as a PDF report which can not be edited. Ballast-Check 2 is ideal for quick on-the-spot indicative compliance tests of ballast water.

### PRODUCT HIGHLIGHTS

- Fast
  - Results in <1 minute
  - No reagents required
  - Algal Abundance (cells/mL)
  - Algal Activity (cell viability)
  - Accurate results for all treatment types
- Portable
  - Handheld, Battery Powered
  - Dustproof, Waterproof
  - Internal Data Logging
- No Maintenance or Calibration
  - Factory Calibrated
  - Calibration Check Standard included

### 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.

### PERFORMANCE SPECIFICATIONS

Sensitivity: <10 cells/mL  
Internal Memory: 1,000 measurements  
Data Report Format: PDF

### OPTICAL SPECIFICATIONS

Light Source: LED  
Detector: Photodiode

### ELECTRICAL SPECIFICATIONS

Power: 4 AAA batteries  
(standard or rechargeable)

### PHYSICAL SPECIFICATIONS

Temperature: 41° - 104°F (5° - 40°C)  
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  
Case: IP 67 standard; dustproof/waterproof