

AquaFlash™

Handheld Active Fluorometer

Total Chlorophyll & Photosynthetic Efficiency

The AquaFlash provides quick and accurate estimations for total chlorophyll and photosynthetic efficiency “health” of algae using *in vivo* fluorescence detection. Simply insert a 10x10mm square glass or quartz cuvette with your sample and press READ. Results are displayed and automatically logged to be viewed or downloaded at a later time. The AquaFlash has a total data storage capacity of 1,000 measurements which include raw fluorescence values along with calculated estimates for user reference.



PRODUCT HIGHLIGHTS

- Results in <15 seconds
 - Total Chlorophyll (µg/L)
 - Photosynthetic Efficiency (yield)
- Factory Calibrated
 - Quick Calibration Check
- Portable
 - Handheld, Battery Powered
 - Internal Data Logging

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

MDL: 0.3 µg/L
Linear Range: 0.3-100 µg/L
Linearity: 0.99R²

AquaFlash limits were determined using P. micans and Tetraselmis sp.; limits may vary for other algal species

ELECTRICAL SPECIFICATIONS

Warm-up Time: 5 seconds
Power: 4 AAA batteries
(standard or rechargeable)
Max Data Capacity: 1,000 measurements
Data Output: ASCII

PHYSICAL SPECIFICATIONS

Weight in Air: 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
Temperature: 41-104°F; 5-40°C