

Total Chlorophyll



Photosynthetic Efficiency

AquaFlash™ Handheld Active Fluorometer

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.

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

Ordering Information

INSTRUMENT	PART NUMBER
AquaFlash™ Handheld Active Fluorometer	8600-000

ACCESSORIES	PART NUMBER
Wrist Strap	030-8500
AquaFlash™ Calibration Solution	8600-225

AquaFlash™ Specifications

MDL	0.3 µg/L
Linear Range	0.3-100 µg/L
Linearity	0.99R ²
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
Warm-up Time	5 seconds
Case	IP 67 standard; dustproof/waterproof
Temperature	41-104°F; 5-40°C
Power	4 AAA batteries (standard or rechargeable)
Max Data Capacity	1,000 measurements
Data Output	ASCII

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

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