

## Series 930

### Water Quality Risk Analysis

## Rapid Microbial Detection

### Applications

- Drinking Water Process Control
- Wastewater Effluent Monitoring
- Beach and Lake Water Safety
- Storm Water Contamination
- Hydraulic Fracking Water Analysis

### Benefits

- Rapid determination of biological activity
- No bacterial load limits
- Customer determined thresholds
- Simple Pass/Fail alarming capabilities
- Exportable data
- Minimal operator training required
- No human interpretation required
- Bar code tracking of sample vials
- Automated record keeping
- 2 or 15 ml test vials available
- High volume vial carousel



The GreenLight® Environmental Series 930 offers rapid testing to determine the live biological bacteria load of a designated water sample through oxygen depletion.

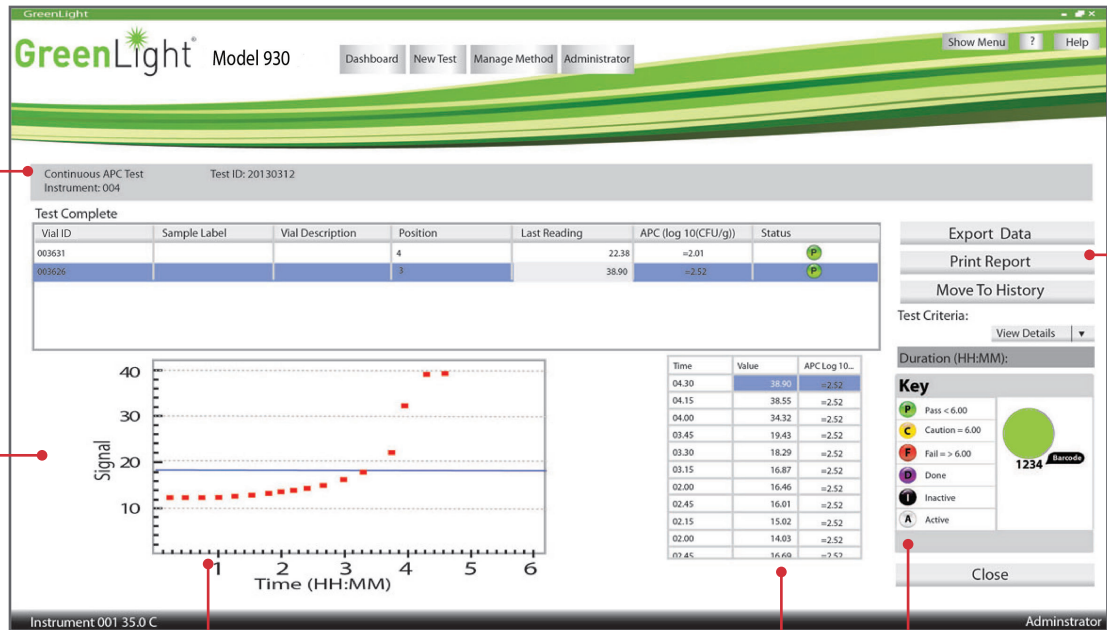
The GreenLight measures the respiration of the aerobic and facultative anaerobic organisms by using a fluorescence material located inside the vial. The change in the level of oxygen in the sample equates to a change in the microbial loading.

In simple terms, the amount of bacteria in a sample determines the oxygen depletion rate of that sample.

The GreenLight Series 930 utilizes a multiple position carousel for high volume throughput. The carousel system enables the user to sample up to twenty-four (24) 15 ml vials or forty-eight (48) 2 ml vials. Allowing for the ability to analyze up to 144 samples in parallel using multipoint analysis.

Minimal data entry is required as the software tracks the individual vial bar codes and records the results of each sample. Providing the operator the ability to perform continuous or multi-point sampling. The results can be numeric or a pass/fail designation.

Results available in 45 minutes for high bacterial loading and 6 hours for typical loading



Operation Mode Indicator

- Continuous
- Multipoint
- Pass / Fail

Easy to interpret graph showing results correlated to time.

High bacterial loads available in 45 minutes - Typical loads in 6 hours

Results are displayed in chart format for precise tracking of bacteria levels.

Color Indicator for final results:  
 Green = Pass  
 Yellow = Caution  
 Red = Fail

Functions allow for ease of tracking and data management.

### Specifications

Vial Sizes	2 mL or 15 mL with optional adapter
Throughput	Up to 24 tests in Pass/Fail mode
Incubation (Internal)	Ambient plus 2°C to 40°C
Operation Mode	Continuous, Multipoint and Pass/Fail
USB Ports	1 x USB Peripheral Port 1 x External Bar Code Reader Port
Power Input	100-240 VAC, 50 - 60 Hz
Operating Temperature Range	65 to 75 °F (18 to 24 °C)
Relative Humidity	0-95% Non-Condensing
Dimensions	3 x 8 x 10 in. (7.6 x 20.3 x 25.4 cm)
Weight	5 lb (2.27 kg)
Accessories	Lap Top Computer, External Bar Code Reader, External Incubator Block Heater (110 VAC only), 2 mL or 15 mL Vial Adapter

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