

Bring Technology to Life



Biolum Pro

Portable ATP Hygiene Monitoring System

Make hygiene monitoring easier as using a smartphone

Verify sanitation in 10s for one test

Secure cloud-based data management

With USB-C charging port for user convenience

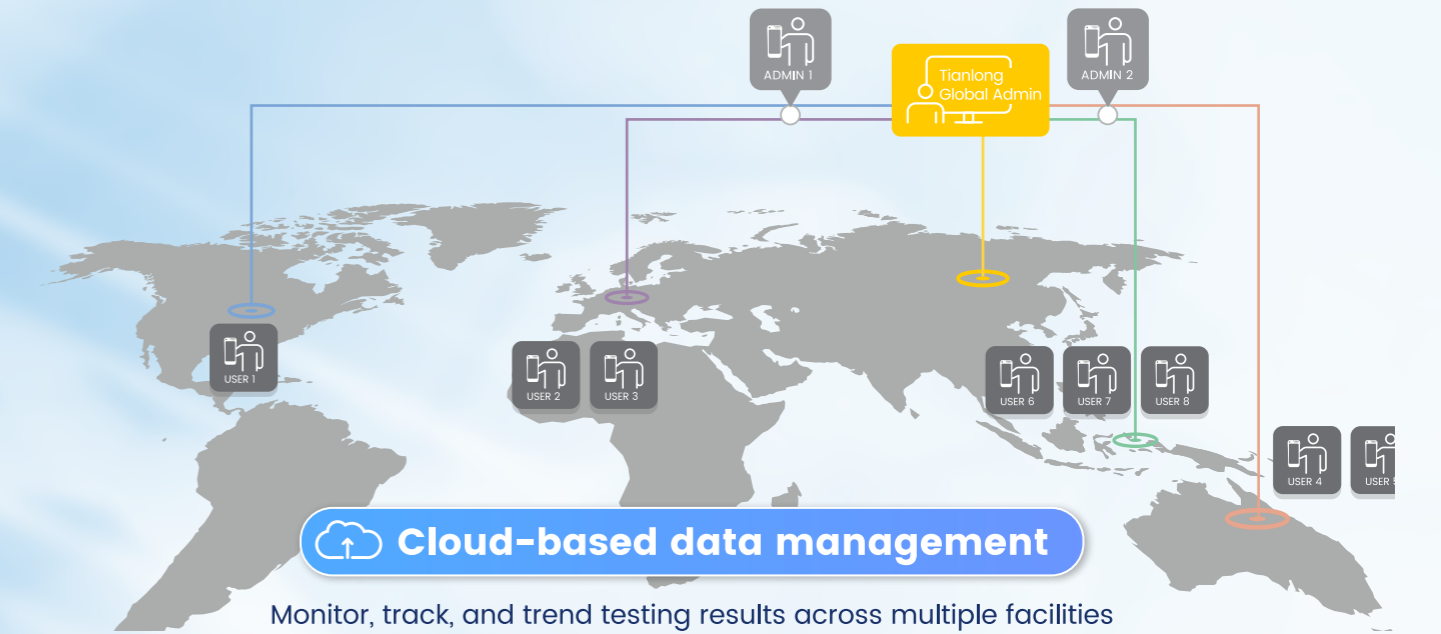
Intuitive smartphone design with 5-inch touch shatter-proof screen

Highly sensitive to detect down to 10^{-16} mol of ATP

Web-based platform, no software downloads needed

Pre-configured templates including different industries and locations

Biolum Pro is our new-generation hygiene monitoring system. The innovative design makes it a smartphone in your hand. Featuring state-of-the-art technology, the new device can provide you with rapid and accurate data to support your hygiene monitoring program. Cloud-based data management enables users to monitor, track, and trend testing results across multiple facilities, making risk management easier than ever. Biolum Pro innovates to make everything easier and maximize its value to your business.



COMPATIBLE SW ABS

Lyophilized Surface Swab

ATP Lyophilized Surface Swab is a simple-to-use sampling device for surface cleanliness testing. It is compatible with the Biolum Pro ATP hygiene monitoring system. ATP Lyophilized Surface Swab can offer extraordinary accuracy and precision for many industrial applications.

Freeze-dried type reagent

Stable at room temperature

Cost-effective for transportation

Detect down to 10^{-16} mol of ATP

High accuracy and high sensitivity

Test Procedure



ACCESSORIES

EternalLight-H

LED Calibration Verification for ATP

Biolum Pro will ensure the test accuracy every time turning on the self-check function. Also, the additional calibration can be used to verify the accuracy by EternalLight-H. This calibration verification device is highly compatible with both Biolum and new-generation Biolum Pro ATP hygiene monitoring system.



SPECIFICATIONS

Model	Biolum Pro
Dimensions	74mm×75mm×164mm
Weight	420g
Detection Limit	10 ⁻¹⁶ mol of ATP
Self-calibration at Startup	25s
Real-time Detection Time	10s/test
Memory Capacity	255 test plans, 255 user IDs, 255 test program and 10000 results
Communication Interface	USB (Bluetooth, WiFi, NFC, 4G coming soon)
Correlation Coefficient	R ² ≥ 0.99
Power Supply	Rechargeable battery
Running Time	Continuously work for more than 100 tests
Operating Temperatures Range	5℃ - 40℃
Operating humidity Range	20-85%RH

Swabs

Cat.No.	Swabs	Specification	Remark
-	Lyophilized Surface Swab	10 pieces/package	Surface test

Calibration Verification

Model	EternalLight-H
Service life	5 years
Battery	CR1025 lithium battery (3V)

APPLICATION AREAS



Version 1.0

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