

Bring Technology to Life



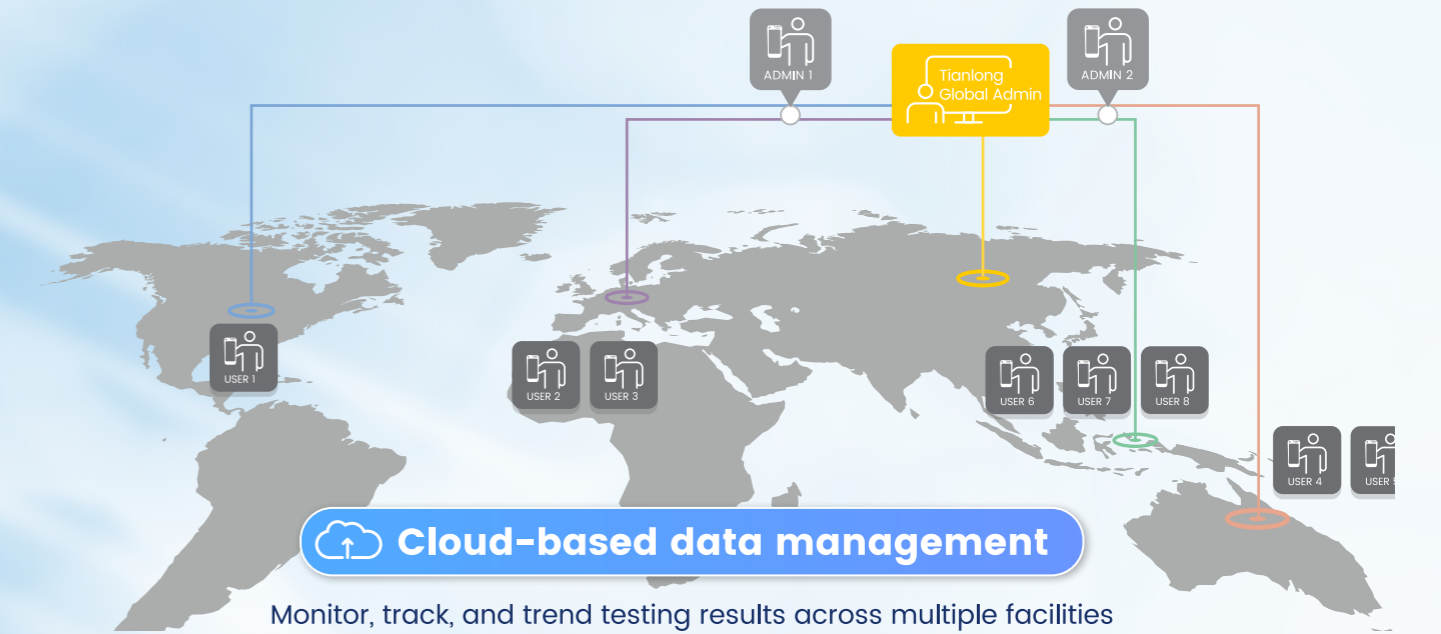
Biolum Pro

Portable ATP Hygiene Monitoring System

Make hygiene monitoring easier as using a smartphone



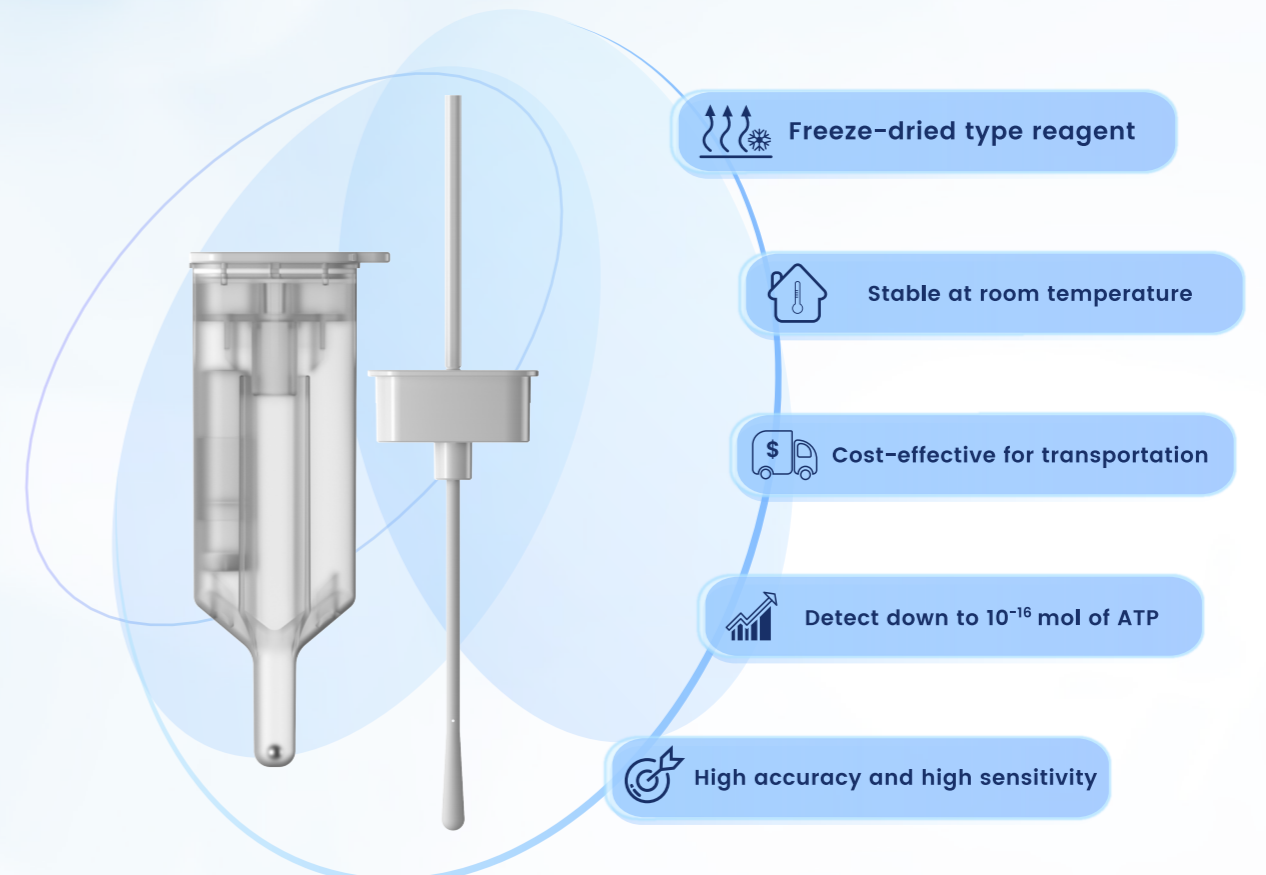
Biolum Pro is our new-generation hygiene monitoring system. The innovative design makes it a smartphone in your hand. Featuring state-of-the-art technology, the new device can provide you with rapid and accurate data to support your hygiene monitoring program. Cloud-based data management enables users 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.



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

All rights reserved by Tianlong. March 4, 2024



Tianlong Science and Technology

Mail: inquiry@medtl.com
 Phone: 86 029 82682132
 Website: www.medtl.net
 Address: No. 4266 Shanglin Road, Xi'an, China