

ATP Bio-Clean Monitoring System

BRAND : **BIOGENIX**[®]

GENERAL DESCRIPTION

An ATP Bio-Clean Monitoring system is a device that is used to check the cleanliness of an environment. The system provides a numerical value reading that is used to spot check the cleaning standards deployed by a site's cleaning or infection control team.

The ATP system uses a hand-held device (the luminometer) combined with a sampling swab to identify the cleanliness of any given surface or water sample, by identifying the level of ATP that is present.

It is widely known that there is a higher chance of the presence of microorganisms where there is ATP. Thus, the higher the ATP level, the higher the probability that bacteria and germs are present. The cleaning and Infection control team will incorporate the use of an ATP system into standard cleaning procedures, to allow the fast and effective inspection of areas within a mere 15 seconds of the swab being placed in the handset.



FEATURES

- Multiple Tests in one instrument
- Results in 15 seconds
- Programmable user identification
- Optimizes and verifies that cleaning procedures are working
- Ensures product quality and extends product shelf life
- Optimizes chemical/sanitizer usage
- Most cost-effective ATP Hygiene Monitoring System available
- Simple to use - 3 easy-to-follow steps
- Lightweight, handheld & durable
- Alphanumeric ID of locations
- Programmable user IDs
- Self-calibration at start up

ATP BACTERIA DETECTION PROCEDURES:

1. Hold the tube, remove the wet swab from the test tube, and smear the test area (about 4cm*4cm).
2. Insert the swab into the test tube.
3. Hold the suction valve, grip the ball tube with the other hand, and break from the suction valve.
4. Gently squeeze the tube twice, extrude the reagent from the tube, shake it two to three times, and mix it well with the swab after smearing in the tube.
5. Put the whole detector tube into the fluorometer, close the hatch cover, and measure.



APPLICATION

ATP Bio-Clean Monitoring can be used in any number of industries to verify the cleaning process has taken place correctly. These industries include, but are not limited to:



- Food and Beverage
- Food Services
- Healthcare
- Hospitality
- Water Quality
- Veterinary & Pet Care
- Personal Care & Cosmetics
- Industrial & Environmental

weak hydrogen bonds

Technical Specification:

- Large screen clear LCD display
- Detection accuracy: 5×10^{-18} mol / ATP?
- Detection range: 0 to 9999 RLU
- Detection time: 15 seconds
- Detection error: ± 5 RLU
- Operating temperature range: 5 °C to 40 °C
- Operating humidity range: 20-85%
- ATP recovery: 90-110%
- Detection mode: RLU, coliform screening
- 50 user ID settings
- Can set the number of results limit: 250
- 2000 memory storage
- Automatically determine the qualified
- Automatic statistical pass rate
- Built-in self-calibration light source
- Boot 30 seconds self test
- With RS232 interface (with USB interface), the results can be uploaded to the PC
- Instrument size (W × H × D): 192mm × 87mm × 34mm
- The use of two standard 5 batteries or rechargeable lithium battery
- Standby state (20 °C): 6 months
- Chinese operation manual
- Stable liquid luciferase
- Wetting the integrated collection of swabs



ATP Bio-Clean Monitoring System provides accurate and traceable verification of the hygienic status of a surface, which is a key component of a good hygiene program. After cleaning, all sources of ATP should be significantly reduced.



TECHNICAL SPECIFICATION

Usage	Medical Test
Accuracy	99%
Quality Certification	CE
User Manual	Yes
Warranty	One Year
Detection Time	15 Seconds
Transport Package	Wood/Carton/Expot Standard Packing
Detection Accuracy	5 *10 ⁻¹⁸ mol ATP
Application	Home Hospital
Function	Detection
Color	Black
Operation Video	Yes
Display	LCD
Detection Error	± 5 Rlus
Specification	5 *10 ⁻¹⁸ mol ATP

Dealer Details

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