

ATP Bio-Monitor

Brand : **BioGenix**

Description

The device is a new upgrade with a large touch screen instead of a traditional button. ATP content was detected by biochemical reaction. ATP fluorescence detector was based on the principle of firefly luminescence, and ATP was rapidly detected by "Luciferase - luciferin system". ATP can swab contains pyrolysis membranes of reagent, the ATP in the cell can be released, react with the specificity of the reagent containing enzymes, produce light, reoccupy glow fluorescent light meter test values, the number of microorganisms is proportional to the luminous value, because all creatures living cells contain a constant ATP, so ATP content can clearly show that the residual of microorganisms and other organisms in the sample, used to judge the health situation.



Silent Feature



Practicability -- the upper and lower limits can be set according to the environmental testing requirements, so as to achieve rapid data evaluation and early warning, and rapid surface cleanliness screening.

High sensitivity -- 10-15 to 10-18 mol

Fast - conventional culture method 18-24h, and ATP only need a few seconds.

Feasibility -- there is a clear correlation between the number of microorganisms and the ATP contained in the microorganisms. By measuring the content of ATP, the microbial quantity in the reaction can be obtained indirectly

Operability - traditional training methods need to be operated by trained technicians in the laboratory; And ATP fast cleanliness detection operation is very simple, only simple training can be carried out by the general staff on-site operation.

Better experience -- the test sleeve adopts the flexible design of plug and pull, which can be cleaned regularly and used for a long time to extend the service life of the instrument.

Technical Specification of ATP- Bio-Monitor

Display: 3.5-inch high-precision graphic touch screen
Processor: 32-bit high-speed data processing chip
Detection accuracy: 1×10^{-18} mol
Coliform: 1-106cfu
Detection range: 0 to 9999 RLUs
Detection time: 15 seconds
Detection of interference: $\pm 5\%$, or ± 5 RLUs
Operating temperature range: 5°C to 40°C
Operating humidity range: 20-85 %
ATP recovery rate: 90-110%
Detection mode: RLU and coliform screening
Set 50 user ids
Result limits that can be set: 251
Automatic judgment of qualified and unqualified
Automatic statistical pass rate
Built-in self-aligning light source
Self-check after starting for 30 seconds
Equipped with mini USB interface, the results can be uploaded to the PC
Equipped with special software to drive the U disk instead of the traditional CD
Instrument size (W×H×D) : 188 mm×77mm×37mm
Use rechargeable lithium batteries without battery replacement
Standby state (20°C) : 6 months
English operation manual
Stable liquid luciferase
Wet integrated swab collection



Application of ATP- Bio-Monitor

BioGenix ATP fluorescence detector is widely used in food, medicine and health, medicine, daily chemicals, papermaking, industrial water treatment, national defense, environmental protection, water administration, customs entry-exit quarantine and other law enforcement departments and other industries.

Contact Us



BIOGENIX SYSTEMS PRIVATE LIMITED

S-10, Pankaj Central Plaza, Pocket-5, Plot no-5, Sector-12,
Dwarka, New Delhi-110075, INDIA

Email: sales@biogenixsystems.com |

Phone: +91-11-43738899 | 9716064799 | 9911717057

Website: www.biogenixsystems.com

Dealer Details