



ATP fluorescence analyzer

Price:

Model: **APEX-CJ669**

Standard:

Introduce: APEX-CJ669

ATPfluorescenceanalyzerUsage

Detailed product information

APEX-CJ669 ATP fluorescence analyzer Usage

ATP fluorescence detector suitable for food, rapid detection of microorganisms in drinking water, the tableware cleanliness rapid detection, rapid detection of food processing appliances, countertops, and dining utensils disinfection results, the medical environment work platform for real-time assessment.

ATP fluorescence detector uses a biochemical reaction for the detection ATP content . When used with a pre-wetting of the ATP swab specimens were collected, of ATP swab buffer soaked This helps biological substances (ATP) was extracted from a dry or wet surface. The swab containing the cell membrane can be cleavage reagent , capable of intracellular ATP release, react with a reagent contained in the specific enzyme, and to generate light, and then the fluorescence the illuminometer detecting luminescence value, the number of microorganisms and is proportional to the luminescence value.

APEX-CJ669 ATP fluorescence analyzer Features

- 1.Sensitive and high - 5×10^{-15} mol/ATP
- 2.Fast - more than 18-24h conventional culture method, whereas ATP only need a dozen seconds.
- 3.Feasibility - the number of microorganisms microorganisms contained the ATP clear correlation. Can indirectly draw by detecting ATP content, the number of microorganisms in the reaction.
- 4.Operability - traditional cultivation methods need to be operated by trained technical staff in the laboratory; ATP rapid cleanliness detection operation is very simple, simply training site by the general staff.

APEX-CJ669 ATP fluorescence analyzer Parameters

big screen definition	LCD display
the detection accuracy:	5×10^{-15} mol/ATP
Detection range	0 to 9999 RLUs
detection time:	15 seconds
detection error:	± 5 RLUs
Operating temperature range:	5 °C to 40 °C
Operating Humidity	20-85%
ATP recovery rate	90 - 110%
Detection mode:	RLU coliform screening
ID set	50 a user
results limit the number of set:	250
memory storage	2000
qualified	automatically judge
pass rate	automatic statistics
light source	built-in self-calibration
self-test	boot 30 seconds
with RS232 interface(with USB interface).	the results will be uploaded to a PC
Instrument Dimensions	192mm × 87mm × 34mm
battery	two standard batteries or rechargeable lithium battery of the 5
the standby state (20 °C):	6 months
swab	wetting integrated collection swab