

The ATP test is a method for the **RAPID Quantitative measurement in 2 Minutes of actively growing microorganisms** by the detection of adenosine triphosphate, or ATP

WHAT IS IT?

This is a **complete field** kit that allows you to measure the amount of **bacteria** in the water and on the **surface** and get the result immediately. The ATP test kits are designed to meet your specific needs: **ease of use, speed of measurement, reliability**. You only need two reagents, few consumables and a measurement device.

ATP Test Measurements

- Control biological treatment reactors.
- Manage biocide dosing programs.
- Determine drinking water cleanliness.
- Manage fermentation processes.
- Assess soil activity.
- Determine the type of corrosion/deposition.
- Measure equipment or product hygiene.

WHAT IS THE USE OF ATP TESTS?



Monitor

the microbial quality of your water, surfaces or air in real time to predict microbial shifts and prevent control limits from being exceeded.



Identify

the critical points of your network producing biomass with a sensitive and fast analysis tool.



Act

quickly in the event of a problem. Take all appropriate measures and remedial action without delay.



Optimize

their cleaning and disinfection processes to save treatment products and reduce your environmental footprint.

EMFUTUR ATP TEST APPLICATIONS

BEVERAGES

Bakeries
 Beer
 Beverages
 Cannabis Products
 Seafood
 Dairy
 Eggs
 Food & Beverage Processors
 Fruits Vegetables & Produce
 Wine
 Grains
 Ingredients
 Meat
 Nutraceuticals
 Pet Food
 Poultry
 Ready-to-Eat Food
 Service Labs

FOOD & SERVICE

Bakeries
 Catering
 Delis
 Fast Casual
 Fast Food
 Fine Dining
 Food Trucks
 Quick Service Restaurant
 Supermarkets

HOSPITALITY

Cruise ships
 Fitness facilities
 Hotels & Motels

OTHER INDUSTRIES

Jan/San & Chemicals
 Biotechnology
 Industrial & Environmental
 K-12 Schools
 Any Industry
 Oil & Fuel
 Personal Care & Cosmetics
 Pharmaceuticals Veterinary
 Pet Care

HEALTH CARE

Dental Industry
 Emergency Medical Service
 Endoscopy
 Environmental & Domestic Services
 Healthcare Laundry Facilities
 Infection Control
 Sterile Services

WATER QUALITY

Clean-in-Place Systems (CIP)
 Cooling Towers
 Municipal Water Systems
 Pools and Spas
 Waste Management



The ATP test is a method for the **RAPID Quantitative measurement in 2 Minutes of actively growing microorganisms** by the detection of adenosine triphosphate, or ATP

AVANTAGES OF EMFUTUR KITS

With **EMFUTUR ATP test kits**, our main goal was to create an easy-to-use field method, reliable and superfast at a low price. A 2-minute analysis!

OUR ATP TEST KITS



EMF Industrial Water

(60 Tests)

Field applications:
 industrial water networks
 (cooling tower, process
 water, electroplating...)



EMF Sanitary Water

(60 Tests)

Field applications:
 Field applications: sanitary
 water networks (drinking
 water production, supply
 systems, storage tank,
 domestic hot and cold
 water systems...)



EMF Surface & Biofilm

(50 Tests)

Field applications:
 surfaces and biofilm
 presence (swimming
 pools, food and
 pharmaceutical industries,
 water production units,
 cooling networks...)



EMF Ultrapure Water

(60 Tests)

Field applications:
 Field applications:
 ultra-pure water
 production networks,
 dialysis water,
 micro-electronics
 processes.

EMFUTUR ATP TEST - ATP SWAPS

	EMFUTUR kits (quantitative tests)	SWABS (qualitative tests)
Measurement	Intracellular ATP	Total or free ATP
Quantification threshold	Up to 0.0001 picogram of ATP per milliliter	No quantification or semi quantification
Sample volume	Between 10 ml and 1 000 ml (representative sampling)	Between 100 and 200 µl (unrepresentative sampling, repeatability or reproducibility defects)
Positive control	Yes (internal control)	No
Enzyme state assessment	Yes (measurement of enzymatic activity)	No (inability to control enzyme state)
Consideration of environmental parameters (temperature, pH, dissolved iron, etc.)	Yes (taking into account inhibitory or activating effects)	No
Luminometer compatibility	Yes, with most luminometers	No