

The 1st Line of Defense for Microbiological Control in...



Water Treatment
& Distribution



Cooling Water Systems



Biological Wastewater
Treatment



Metalworking Fluids



Liquid Fuel Handling



Oil & Gas Production



Product Preservation

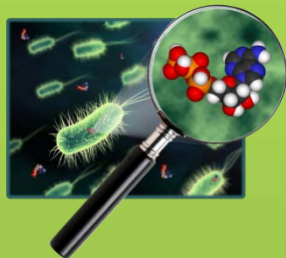


Industrial Process Water

Regardless of the situation, LuminUltra's advanced 2nd Generation ATP technology provides fast, complete, and accurate insight into microbiological activity. Both portable and easy to use, our test kits provide an interference-free indication of total microbial quantity within minutes of sample collection allowing you to **save valuable time**, help you **better manage risk** and **reduce operating costs**. In addition, our highly skilled and knowledgeable staff offers close support every step of the way to help you achieve your goals. Experience peace of mind with LuminUltra's wide range of solutions!

What is ATP?

ATP or Adenosine Triphosphate, is the main energy carrying molecule for all forms of life. This makes the measurement of ATP a direct indication of total microorganisms!



How is it measured?

If you have seen a firefly at night, then you have seen the ATP measurement process in action. Simply put, ATP recovered from microorganisms is mixed with the enzyme Luciferase to produce light which is measured in a luminometer. More microorganisms = more ATP = more light!

What can ATP Testing do for me?

The measurement of ATP detects all living microorganisms, rather than just a fraction of the total population. As well, ATP testing is extremely fast- it provides results in minutes instead of days. These two critical advantages over traditional counting techniques can help you save time, manage risk and reduce cost!

The LuminUltra Difference:

What makes LuminUltra's 2nd Generation products different from traditional plate counts and other ATP test kit suppliers?

LuminUltra's technology is...



- **Rapid:** Provides results in minutes rather than hours, days or weeks.
- **Accurate:** LuminUltra's 2nd Generation ATP test kits are designed specifically for water, organic, and wastewater samples.
- **Complete:** Achieves total recovery of all microorganisms in the sample rather than a small fraction.
- **Quantitative:** Includes a built-in standard to normalize results for valid historical and site-to-site comparisons.
- **Reliable:** LuminUltra's products meet the highest of quality standards and our expert staff provides unparalleled support for all applications.

Test Kit Lineup

In the past, ATP test kits were limited to food and medical hygiene applications, with minimal utility in water. Now, through 6 patented test kits, LuminUltra has a solution for all of your testing requirements! If you are unsure of the right product for you, use the interactive test kit selection guide on our website.



QuenchGone The Next Generation of Microbial Monitoring AQUEOUS

Provides a highly-sensitive and interference-free measurement of total living microorganisms in nearly any filterable water sample.

Low-Solids Waters

e.g. **Drinking water, Cooling water**

QuenchGone The Next Generation of Microbial Monitoring ORGANIC-M

Specifically designed to measure total microorganisms in organic fluids.

Compliant with ASTM E2694 (ATP in metalworking fluids) and ASTM D7687 (ATP in fuels).

Low-Solids Organic Fluids

e.g. **Metalworking fluids, Fuels, Oilfield**

QuenchGone21 Microbial Monitoring for the 21st Century INDUSTRIAL

A robust reagent system allows reliable measurement of total microorganisms in high-solids water and slurries.

Process Waters

e.g. **Paper process water, Wash water**

QuenchGone21 Microbial Monitoring for the 21st Century SPECIALTY

Provides a real-time measurement of total microorganism population size and stress level in high-solids slurries and other chemical products.

Product Preservation

e.g. **Slurries, Paints, Personal care**

QuenchGone21 Microbial Monitoring for the 21st Century WASTEWATER

Accurately measure living biomass concentration and detect toxicity in and around bioreactors to optimize operating cost and stability.

Biological Reactors

e.g. **Biological Wastewater Treatment**

Deposit&Surface The Next Generation of Microbial Monitoring ANALYSIS

Gain a rapid and complete measurement of total microorganisms in all types of solid samples.

Biofilms and Deposits

e.g. **Slimes, Biofilms, Coupons, Biological Filter Media**

Plus, we also provide...

Equipment



Highly sensitive luminometers, including the revolutionary USB-operated **PhotonMaster™** luminometer.

Software



Groundbreaking **LumiCalc™** collaborative data analysis and information management platform.

Service



Sample Testing, method validation, new product development, data analysis, audits, consulting, training, and more!



Demonstrating our commitment to quality in our products and series, LuminUltra Technologies Ltd. is certified under ISO 9001:2008



LUMINULTRA
* SEE THE LIGHT