

BACTISCAN: THE ULTIMATE SOLUTION FOR REAL-TIME CONTAMINATION DETECTION



Experience the next level of **contamination control** with **Bactiscan** - the **superior choice** for rapid, real-time detection. Powered by **multi-wavelength UV fluorescence technology**, Bactiscan instantly **reveals hidden contaminants**, including biofilms, that traditional methods miss. With **non-destructive testing**, **enhanced visibility**, and **industry-wide versatility**, it ensures **unmatched hygiene compliance** in food production, pharmaceuticals, and healthcare. Take advantage of our **SPECIAL OFFER** and elevate your contamination detection strategy now!

Key Benefits

-  **Advanced Multi-Wavelength UV Technology**
Detects a wide range of contaminants, including organic residues and biofilms.
-  **Real-Time Contamination Detection**
Immediate results enable proactive contamination control.
-  **Enhanced Visibility of Contaminants**
Reveals contamination not visible under standard lighting conditions.
-  **Non-Destructive Testing**
Does not alter surfaces or compromise product integrity.
-  **Versatility Across Industries**
Ideal for food production, pharmaceuticals, healthcare, and other hygiene-sensitive environments.
-  **Improved Compliance & Safety**
Helps meet regulatory hygiene and safety standards more effectively.

Contact your **Lasec® Sales Representative** today.
Ts & Cs apply

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BACTISCAN'S SUPERIOR DETECTION CAPABILITIES FOR BIOFILMS

Why Biofilms are hard to detect?

Traditional detection methods, such as ATP swabbing or culture tests, often fail to identify biofilms because:

- Residual contamination is invisible under normal lighting conditions
- Swab tests only sample a small area, missing widespread biofilm patches
- Disinfectants often leave biofilm structures intact, leading to rapid regrowth

This makes biofilms a major hygiene concern, particularly in food production, healthcare, and pharmaceutical industries, where sterility is critical.

How Bactiscan detects Biofilms effectively

Bactiscan is designed to overcome the limitations of traditional detection methods through its multi-wavelength fluorescence technology. Here's how:



Illuminates Hidden Biofilm Structures

Bactiscan emits specific UV and multi-spectral light wavelengths, which interact with biological residues, making biofilms fluoresce. This highlights contaminated areas that are invisible under standard white light.



Non-Invasive & Instant Detection

Unlike traditional methods that require sample collection and incubation, Bactiscan provides real-time visualization of biofilms on-site, without disturbing the surface. This allows for immediate corrective actions.



Distinguishes Between Biofilms & Other Residues

One of Bactiscan's key advantages is its ability to differentiate biofilms from other contaminants, such as food residues or detergent streaks. This reduces false positives and ensures targeted cleaning efforts.



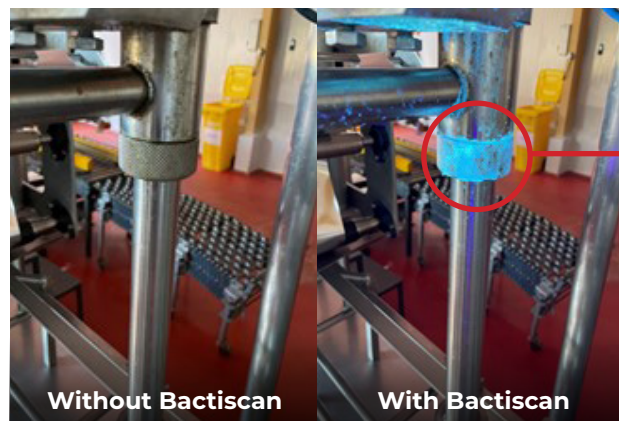
Validates Cleaning & Disinfection Effectiveness

Even after sanitation procedures, biofilms can persist in hard-to-reach areas. Bactiscan enables hygiene teams to re-scan surfaces post-cleaning, ensuring no residual biofilm remains.

Liquid Dairy Facility



Food Processing Facility (Sauces)



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