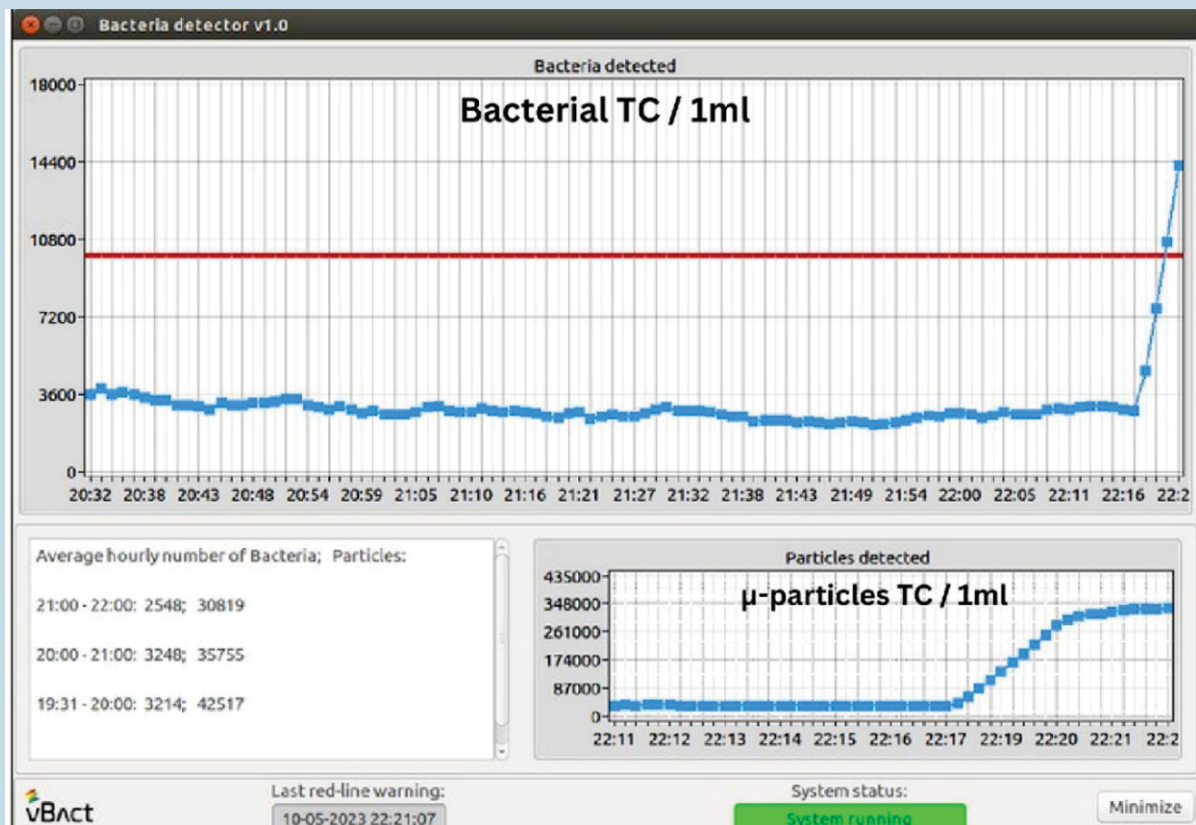


# In-Line Bacterial Water Scanner

## Real-Time, Continuous System for Bacterial, Micro-Particles and Bio/Chem contaminants

VBact's automated on-line water scanner gives operators the ability to remotely monitor bacteria level and contaminations in real time. This leads to safer, more compliant plant output, greater throughput and cash savings. This technology is a game-changer because you can take the necessary actions immediately rather than having to wait for the petri dish culture which takes at least 24 hours.

### The Water Scanners main screen –clear quantitative results



Video –contamination detection demo in real-time  
<https://youtu.be/lzdsKBPB0i4>

# In-Line Bacterial Water Scanner

This bacterial imaging system detects and automatically counts all bacteria in a flow of water or other liquids in real time. It gives accurate, repeatable and continuous measurements of total count of all bacteria and micro-particles at 1 minute intervals.

This is achieved through its in-line sampling configuration, extremely fast water imaging and advanced AI algorithm.

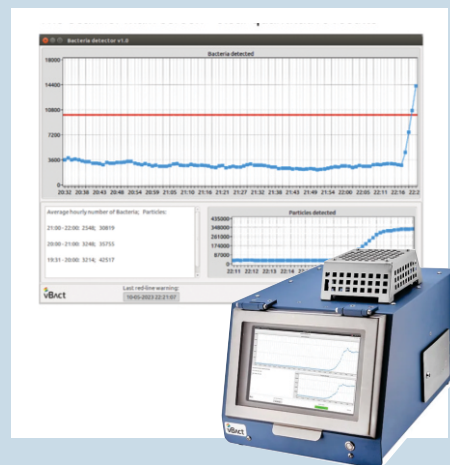
## Petri dish culture

Reporting time - at least 1 day



## Bacterial water Scanner

Reporting time - 1 minute



The water scanner continually measures critical quality parameters:

Total bacteria and micro particles from 0,3 to 15 microns and their size distribution, 60/24/365.

### Water Treatment Optimization

Optimize, validate and control water treatment processes to reduce operating costs while increasing productivity.

### Crisis Management

Immediate reaction to contamination events, identify its location, rapidly restore compliant production.

### Water Safety

Protect systems, production and assets from environmental, accidental or intentional contamination.