

# Measure bacteria & residues in just 30 seconds

Introducing **CytoQuant®**

The world's first hand-held  
mobile flow cytometer

- Instant, precise test for bacteria & residues
- Verify cleaning & disinfection on any surface
- Simple test procedure, no special training required
- Unaffected by temperature, disinfectants & humidity
- No need for pre-treatment, incubation or chemical reagents
- Simple connectivity allows user to export & save test results with ease

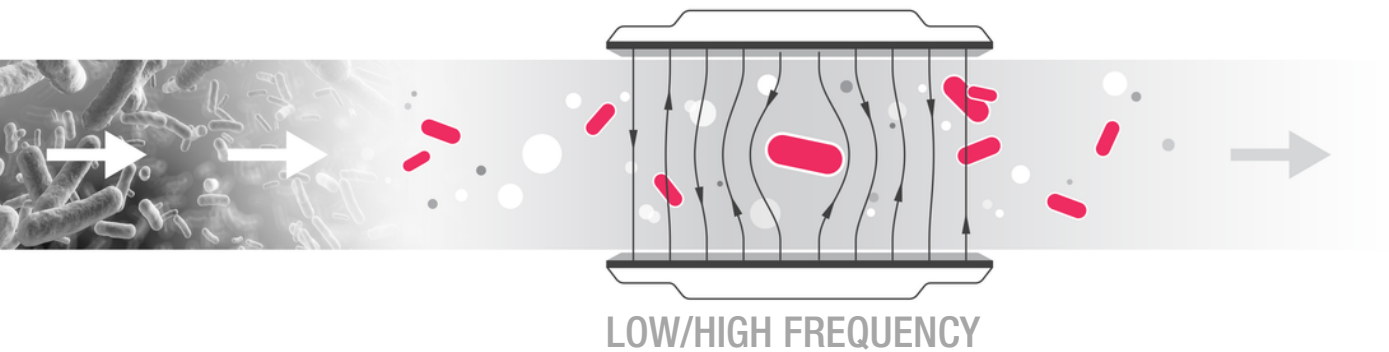


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# Surface swabbing **reinvented**



## What is impedance flow cytometry?

The sample is pumped through a microfluidic flow cell with integrated electrodes. An object flowing between the electrodes will introduce a change to the electrical current. Bacteria have unique electrical properties and are quickly detected.

## Verify cleaning & disinfection

The CytoQuant® mobile flow cytometer has a broad scope of application. It can be used to quantify bacteria & residues on surfaces in food production facilities, clean rooms, hospitals & on any other surface where hygiene is crucial.

## How does CytoQuant® compare to existing test methods?

Traditional microbiological methods often don't allow for preventive control & pre-operational actions and come with considerable limitations. Standard plate counts can only detect about 1% of existing bacteria & take days to return a result. ATP tests, while simple & fast, quantify biological residues which are not an indication of disinfection efficiency.

CytoQuant® instantly detects all bacteria with an intact cell wall, irrespective of their state or required growth conditions. This revolutionary technology is the only solution on the market able to provide a clear picture about the microbial condition of surfaces in real time.

