

# Revolutionize Microbial Monitoring

## with Automated Flow Cytometry

Sampling every  
15 minutes



Rapid detection at  
the single-cell level

Multiple parallel  
control points

Total & intact cell  
quantification

For low and high  
concentrations

Continuous insights  
and actionable data

## Applications

Drinking Water | Water Reuse

Biotech | Probiotics | Beverages

Aquaculture | Algae Cultivation

Industrial Water | Pulp and Paper

# onCyt™ MicroQuant

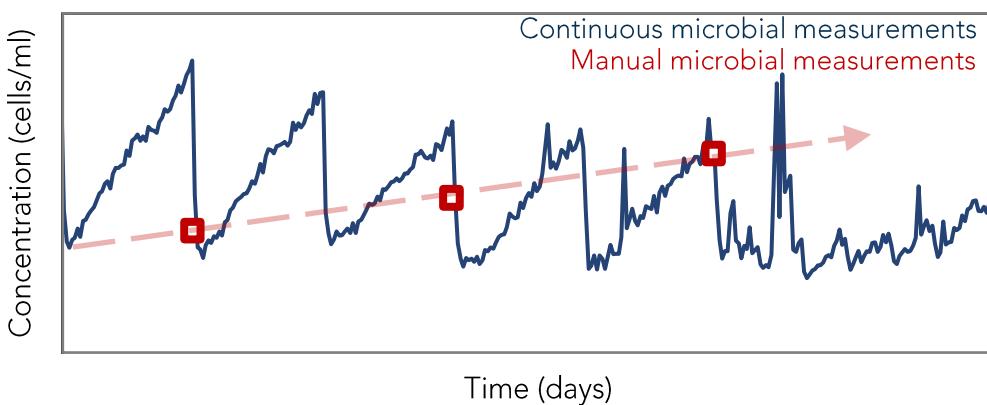
## Automated Flow Cytometer

### Sampling & Measurement

Detected microorganisms	Bacteria, yeast, microalgae
Measured parameters	Total and intact cell concentration, contaminating population
Sample lines	Up to 6 sample lines in parallel
Concentration	max. $10^{11}$ cells/ml
Measurement frequency	15 min (may vary depending on the degree of sample predilution)
Autonomous operation	7 days (at max. sample frequency)
Sample pressure	max. 4 bar
Fluidic interfaces	Customizable
Reagents	Easily refillable and customizable

cyOn fully automated data acquisition and analysis displaying live concentrations

### Software



### Installation

Communication	Ethernet
Dimensions and weight	45 x 40 x 60 cm, < 35 kg
Operating environment	10 to 35 °C / < 80% RH at 20°C, non-condensing