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Flow Cytometer for Industrial Microbiology

CyFlow Cube 6 V2m

High performance,
Fast and Reliable



Reliable, Compact and Economical Flow Cytometer with Great Performance



CyFlow Cube 6 V2m – Multi-purpose flow cytometry with exceptional performance

Flow cytometry (FCM) is no longer limited to high-end cell biology laboratories or core research centres. The CyFlow Cube 6 V2m addresses industrial needs by being a complete “plug and play” solution, including instrument, reagents and software.

Standard modern applications are now within reach, for monitoring:

- Spoilage organisms
 - *Alicyclobacillus*
 - *Brettanomyces*
 - *Oenococcus*
 - Other bacteria
- Fermentation processes
 - Yeast viability

A network-ready computer, a foldable LCD monitor and user-friendly software make the Cube 6 V2m the complete industrial QC solution; FCM technology integrated in an award-winning product design.

Economic viability is crucial to any industrial business with the guarantee of product quality advancements. The CyFlow cube V2m provides a high level of technology at a low operating cost, merging quality standards and budget.

Fluorescence-based flow cytometry (FCM) was invented by Partec in 1968. Today, Sysmex can look back on over 50 years of experience in this demanding field. Sysmex Partec continues to develop and manufacture its own technologies and instruments, with almost 80 % created in-house. As a result, Sysmex stands for high precision and quality.

Take Your Industry from Basic to Optimised Solution

The **CyFlow Cube 6 V2m** is a cost-effective system and compact flow cytometer. It comes in a simple configuration with a blue laser and up to five optical parameters. This instrument can be expanded with an autoloading station for managing higher throughput sample loads.

These technological advantages, paired with the brand new CyView software, ensure this flow cytometer meets diverse application demands across the industry.



FEATURE	DESCRIPTION
Light Source	488nm 50mW Blue Laser
Parameters	3 colours + FSC & SSC

CyFlow autoloading station, the Robby 6 Autoloader

The Robby 6 Autoloader complements the Cube 6 V2m instrument to which it is directly connected. Controlled by the CyView software, it allows for rapid loading of the flow cytometer – automatically and accurately.

From a single load, the Robby 6 Autoloader can process two 96-well plates or 48-well plates, standard and deep-well with V, U and flat bottom, and up to 120 tubes.



Operational Simplicity Supports Optimised Workflow

The CyFlow Cube 6 V2m impresses with its accessibility, simplicity and intuitive software operation. And thanks to its automated start-up process, it takes less than five minutes to start up.

Gating and acquisition templates for each and rapid analysis of results make the CyView software more accessible to novice flow cytometry users.

The CyFlow Cube 6 V2m instrument, reagents and CyView software are used for most applications in biotechnology, microbiology and in industrial monitoring processes.

