

MICROCYTE[®] monthly maintenance kits

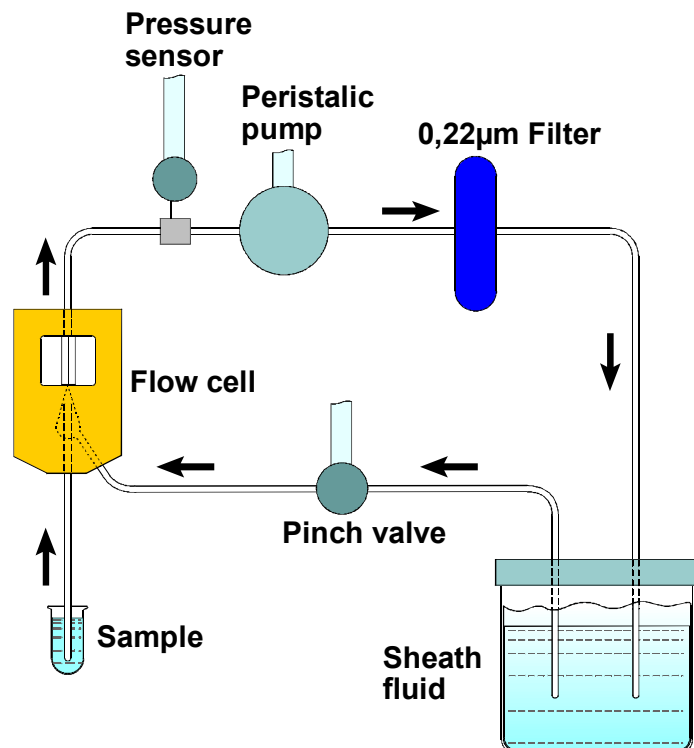
- when performance really matters

MICROCYTE[®] is designed and optimised for enumeration and analysis of cells and particles in the 0.4 - 15 μm size range. The highly sensitive detectors allow analysis of a broad range of samples, but a contamination of the flow system may have serious effects on the results. BioDETECT has therefore constructed a set of maintenance routines to prevent accidents such as microbial growth in the flow system, biofilm formation and filter break-through. The Monthly Maintenance Kit puts all these maintenance steps into system and makes them easy to remember and to carry out. Regular use of the kit according to its instructions ensures smooth day-to-day operation and extends the overall life-time of the flow system components.

Key advantages:

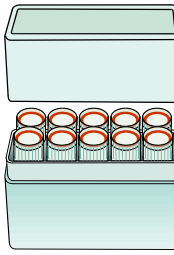
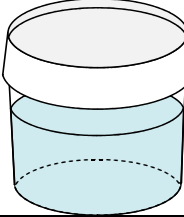
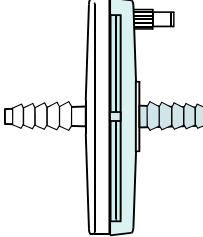
- prevents clogging and cleans flow cell
- easy to use
- saves time
- assures reliable performance

The kit can be used by any MICROCYTE[®] operator, regardless of application and sample throughput.



Schematic representation of the MICROCYTE[®] flow system.

Kit specifications:

Component A	10 x 1 ml vials of cleaning solution	
Contents	1M NaOH	
Purpose	Daily cleaning of flow cell	
Component B	4 x 100 ml or 1 x 1000ml sheath fluid	
Contents	Filtered water (0.22 + 0.1 µm filters) with acetic acid and algaecide, in autoclavable containers	
Purpose	Weekly change of the sheath fluid and its container	
Component C	1 filter unit	
Contents	0.22 µm filter unit	
Purpose	Monthly change to prevent breakage and clogging	

Storage: In a cool and dry place
Shelf life: 6 months.

The components are packed in a box which allows stacking. User instructions and Material Safety Data Sheet accompany every kit. For more information, please contact your nearest MICROCYTE® representative or BioDETECT AS, quoting:

- Prod. No. 7010: Monthly Maintenance Kit for MICROCYTE® Field and MICROCYTE® Aqua.

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BioDETECT develops, manufactures and markets instruments and kits targeted at the pharmaceutical, beverage, water, military/civil defense and OEM markets. The products aim at offering robust, rapid and accurate enumeration and analysis of microorganisms from a liquid, air or powder sample.