



# BioFlo® 120

## BioFlo 120 Performance Plans

Bioprocess systems include several sophisticated technologies. Peak performance requires smooth interplay of the subsystems and fully functioning consumable parts. Regular maintenance by qualified engineers helps to ensure reliable operation, while deferring it can cause unreliable results, expensive repairs, and prolonged downtime.

The Eppendorf BioFlo 120 offers simplicity and ease of use, without sacrificing capability. No matter if you are in an academic, governmental or industrial research setting, or

working with bacteria, yeast, fungi, mammalian, insect or plant cells, the BioFlo 120 is an attractive solution to meet your needs. It features an extensive range of glass and BioBLU® Single-Use Vessel options (250 mL – 40 L).

Eppendorf Bioprocess Performance Plans help you to maintain the optimal performance of your equipment over years of frequent use.

**Bioprocess maintenance — see the advantage!**

**eppendorf**

Performance tested on

Model: \_\_\_\_\_

Serial no.: \_\_\_\_\_

Serviced by: \_\_\_\_\_

Service no.: \_\_\_\_\_

Next service: \_\_\_\_\_

Date: \_\_\_\_\_

**epServices**  
for premium performance

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Service Operation	ESSENTIAL CHECK	ADVANCED MAINTENANCE	PREMIUM SERVICE	Installation Qualification (IQ)	Operational Qualification (OQ)	IQ/OQ
Order Number	0082 140 043	0082 140 044	0082 140 045	0082 140 047	0082 140 048	0082 140 049
<b>External Inspection and Maintenance</b>						
Check installation environment	■	■	■	■		■
Verify utility connections	■	■	■	■		■
Inspect addition pump heads and motors	■	■	■	■		■
Inspect motor cables and sensor cables	■	■	■	■		■
Check vessel for damage	■	■	■	■		■
<b>Internal Equipment</b>						
Check motor and bearing housing for speed and operation*	■	■	■		■	■
Rebuild bearing housing		■	■			
Replace o-rings, gaskets, washers, and ferrules		■	■			
Inspect cooling valve	■	■	■			
Inspect gas sequencing valves	■	■	■			
<b>System Checks</b>						
Calibrate pH and DO loops with simulator	■	■	■	■	■	■
Check gas flow and mixing	■	■	■			
Verify motor speed*	■	■	■	■	■	■
Verify temperature	■	■	■			
Perform test run*	■	■	■	■	■	■
Check for latest firmware revision	■	■	■	■	■	■
<b>Documentation</b>						
Check list provided	■	■	■			
Dated service sticker to confirm Eppendorf service	■	■	■	■	■	■
IQ report and signed documentation				■		■
OQ report and signed documentation					■	■
<b>Supporting Information</b>						
Contract period	one year	one year	one year	n/a	n/a	n/a
Number of preventive services included	one	one	one	n/a	n/a	n/a
Cost of repairs/parts replaced outside scope of preventive maintenance visit (where Eppendorf product warranty has expired)	not included	not included	discount on parts, labor, travel time	n/a	n/a	n/a

Note: For customers using BioBLU Single-Use Vessels please select the Essential Check only. Please contact your local Eppendorf representative for other service contract options.

\* Customers using single-use vessels must provide a vessel for these tests.

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