

epServices  
for premium performance



# BioFlo<sup>®</sup> 415

## BioFlo 415 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 BioFlo 415 is an economical sterilize-in-place fermentor available in three vessel sizes with working

volumes from 2 L to 15 L. The system's built-in electrical heaters make the BioFlo 415 particularly suitable for those labs where a steam source is not present.

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: \_\_\_\_\_

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# BioFlo® 415 Performance Plans

Service Operation	■ ADVANCED MAINTENANCE	■ PREMIUM SERVICE	Installation Qualification (IQ)
<b>Catalog Number</b>	0082140164	0082140165	0082140167
<b>List USD</b>	\$4,800.00	\$6,650.00	\$1,969.00
<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 and leaks	■	■	■
Verify loop PI settings	■	■	■
Check valve operation	■	■	■
Check hoses	■	■	■
<b>Internal Equipment</b>			
Check motor and bearing housing for speed and operation	■	■	
Rebuild bearing housing	■	■	
Replace o-rings, gaskets, and ferrules	■	■	
Inspect solenoid valves operations	■	■	
Inspect gas sequencing valves	■	■	
Replace rupture disk	■	■	
Test TMFC for operation	■	■	
<b>System Checks</b>			
Calibrate pH and DO loops with simulator	■	■	■
Verify motor speed	■	■	■
Verify temperature	■	■	■
Perform test run	■	■	■
Check for latest software revision	■	■	■
<b>Documentation</b>			
Check list provided	■	■	
Dated service sticker to confirm Eppendorf service	■	■	■
IQ report and signed documentation			■
<b>Supporting Information</b>			
Travel	not included	included	included
Time/Labor	included	included	included
Additional parts	not included	included	not included

## Advantage OS

Description	Catalog No.	List USD
BioFlo 415	ADSERV-415	\$5,652.00

## Advantage OS

An easy to use value packaged service option to help in advance and protect the system. Bioprocess Advantage OS provides labor and travel for up to two visits; an Advanced Maintenance and a single repair visit within the year. The plan also includes the Advanced Maintenance parts kit and a 20 % discount on parts utilized on a repair visit.

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