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for premium performance



DASGIP® PHPO and OD4

DASGIP PHPO and OD4 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 most common reasons for failed experiments are

incorrect sensor readings or defective sensors. Therefore, it is essential to identify and eliminate these risks before they arise. Preventive maintenance of electronics, cables, and sensors notably diminishes in-process failure.

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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DASGIP® PHPO and OD4 Performance Plans

Service Operation	ESSENTIAL CHECK	ADVANCED MAINTENANCE	PREMIUM SERVICE	Installation Qualification/ Operational Qualification (IQ/OQ)*
Order Number (for DASGIP® PHPO)	0082 150 453	0082 150 454	0082 150 455	0082 150 459
Order Number (for DASGIP® OD4)	0082 150 043	0082 150 044	0082 150 045	0082 150 049
External Inspection				
General condition of DASGIP® module and attached cables	■	■	■	■
Internal Inspection				
Check/update of firmware	■	■	■	
Check/update of internal battery	■	■	■	
Check of internal settings	■	■	■	■
Functional Check				
Operational check of sensor cables		■	■	
Operational check of all attached sensors	■			
Verification				
Verification of sensor performance		■	■	
Calibration and Adjustment				
Calibration and adjustment of electronics of sensors for pH, DO, level, redox, temperature**	■	■	■	■
1-point calibration of all attached sensors	■			
2-point calibration of all attached sensors		■	■	
Documentation				
Check list provided	■	■	■	
Dated service sticker to confirm Eppendorf service	■	■	■	■
IQ/OQ report and certificate				■
Supporting Information				
Contract period	one year	one year	one year	n/a
Number of preventive services included	one	one	one	n/a
Cost of repairs/parts replacement outside scope of preventive maintenance visit (where Eppendorf product warranty has expired)	not included	not included	discount on parts, labor, travel time	n/a

*Separate purchase of IQ/OQ documents will be necessary

**Where feature is present

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