epServices
for premium performance

SciVario® twin

SciVario® twin performance plan

Bioprocess systems include several sophisticated technologies. Peak performance requires a 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 SciVario twin next-generation bioreactor control station is the first product of our new bioprocess controller platform SciVario for small- and bench-scale instruments with a new intuitive user-interface and highly innovative hard- and software solutions.

The SciVario twin was developed for the individual or parallel control of up to two bioreactors (BioBLU® Single-Use Vessels and glass vessels). With the patented bay-drawer system, the hardware of the controller can be flexibly adapted to your needs, without the necessity of purchasing a completely new system.

Eppendorf Bioprocess Performance Plans help you to maintain the optimal performance of your equipment over the 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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SciVario® twin Performance Plans

Service Operation	ESSENTIAL CHECK	ADVANCED MAINTE-NANCE	PREMIUM SERVICE	Installation Qualification (IQ)	Operational Qualification (OQ)
Order Number	0082 150 770	0082 150 780	0082 150 790	0082 150 768	0082 150 769
External Inspection and Maintenance					
General condition of the controller	■	■	■	■	
General condition of all attached cables & tubing	■	■	■	■	
General condition of the vessels	■	■	■	■	
General condition of all inserted bay-drawer	■	■	■	■	
Verify utility connections	■	■			
Internal Inspection					
Update to latest firmware & software revision		■	■		
Perform export of all experiment data		■	■		
Functional Check					
Operational check of all actuators (heating, cooling, gassing, pumps)	■	■	■		
Operational check of exhaust condenser	■	■	■		
Operational check of sensor cables	■	■	■		■
Verification					
Verification of the sensor performance	■				
Verification of the agitation speed	■				■
Verification of the gas flow	■				
Verification of the temperature measurement	■				■
Perform software test run					■
Calibration and Adjustment					
Calibration and adjustment of agitation speed		■	■		
Calibration and adjustment of the mass flow sensors		■	■		
Calibration and adjustment of electronics of sensors for pH, DO, level, and redox		■	■		
Calibration and adjustment of the temperature sensors		■	■		
Documentation					
Check list provided	■	■	■		
Dated service sticker to confirm Eppendorf service	■	■	■	■	■
IQ report and signed documentation				■	
OQ report and signed documentation					■
Supporting Information					
Contract period	one year	one year	one year	n/a	n/a
Number of preventive services included	one	one	one	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

For a complete maintenance of your SciVario twin system, **Small Scale Vessel Maintenance** and **DASware® Control System Maintenance** services are recommended.

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