



# SciVario<sup>®</sup> twin

## SciVario<sup>®</sup> 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<sup>®</sup> 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: \_\_\_\_\_

**epServices**  
for premium performance

# SciVario® twin Performance Plans

Service Operation	ESSENTIAL CHECK	ADVANCED MAINTENANCE	PREMIUM SERVICE	Installation Qualification (IQ)	Operational Qualification (OQ)
<b>Order Number</b>	0082 150 770	0082 150 780	0082 150 790	0082 150 768	0082 150 769
<b>External Inspection and Maintenance</b>					
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	■	■			
<b>Internal Inspection</b>					
Update to latest firmware & software revision		■	■		
Perform export of all experiment data		■	■		
<b>Functional Check</b>					
Operational check of all actuators (heating, cooling, gassing, pumps)	■	■	■		
Operational check of exhaust condenser	■	■	■		
Operational check of sensor cables	■	■	■		■
<b>Verification</b>					
Verification of the sensor performance	■				
Verification of the agitation speed	■				■
Verification of the gas flow	■				
Verification of the temperature measurement	■				■
Perform software test run					■
<b>Calibration and Adjustment</b>					
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		■	■		
<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
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.

	Small Scale Vessel	DASware control system
Essential Check	0082 150 333	0082 150 003
Advanced Maintenance	0082 150 334	0082 150 004
Premium Service	0082 150 335	0082 150 005

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