



# Centrifuge and Rotor

## Centrifuge Performance Plans

Quality Management Systems increasingly ask for regular service of centrifuges and rotors in either an operational or a disassembled state to ensure a safe working environment.

Functional inspections ensure that all technical specifications, such as temperature accuracy, rotational speed and operating time comply with the manufacturer specifications. The Centrifuge Performance Plans assist with your preparation for internal and external audits.

## Rotor Assurance Plans

Rotors are able to withstand extreme stresses. The service life of rotors depends on the number of load cycles and their application parameters. Improper maintenance may turn small surface scratches into critical cracks and – through exposure to humidity and chemicals – could cause corrosion.

**Relax while your samples are spinning safely!**

## IQ/OQ Services

Installation Qualification & Operational Qualification services assure that instrumentation is installed and running according to manufacturer specifications. IQ/OQ documentation is supplied to help prepare for quality and regulatory audits.

### ■ ADVANCED MAINTENANCE

Preventive maintenance service to meet manufacturer specifications

### ■ ESSENTIAL CHECK

Check of all fundamental functions of the product

**eppendorf**

Performance tested on

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

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

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

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

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

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

**epServices**  
for premium performance

# Centrifuge Performance Plans

Performance Plans	ESSENTIAL CHECK	ADVANCED MAINTENANCE	PREMIUM SERVICE	Installation Qualification (IQ)	Operational Qualification (OQ)
<b>Catalog No. for Group 1 (microcentrifuge w/o refrigeration)</b>	0082020003	0082020004	0082020005	5424860036	0082020008
<b>Catalog No. for Group 2 (microcentrifuge with refrigeration)</b>	0082020013	0082020014	0082020015	5424860044	0082020018
<b>Catalog No. for Group 3 (multipurpose w/o refrigeration)</b>	0082020023	0082020024	0082020025	5810860040	0082020028
<b>Catalog No. for Group 4 (multipurpose with refrigeration)</b>	0082020033	0082020034	0082020035	5810860059	0082020038
<b>Cleaning and Maintenance</b>					
Cleaning of housing/Checking condensation water tray <sup>1</sup>	■	■	■		
Cleaning and checking of rotor bowl and internal parts		■	■		
Checking of instrument for any damage	■	■			■
Checking of stability, housing, display and keypad		■	■		
Checking of display and keypad/Software update if required		■	■		
Checking of lid latch	■	■	■		■
<b>Functional check</b>					
Instrument set-up/Initial operation/Instruction of user				■	
Checking of rotor detection	■	■			
Checking of temperature sensors <sup>1</sup> and speed sensor		■	■		■
Checking of imbalance detection <sup>1</sup>		■	■		
Performing system test run	■	■	■	■	■
<b>Memory</b>					
Evaluation of stored data		■	■		
<b>Verification</b>					
Verification of operating parameters according to specifications					■ <sup>2</sup>
<b>Documentation</b>					
Check List provided	■	■	■		
Dated service sticker to confirm Eppendorf service	■	■	■	■	■
IQ Report and Certificate				■	
OQ Report and Certificate					■
<b>Supporting Information</b>					
Travel	not included	not included	included	included	not included
Time/Labor	included	included	included	included	included
Additional parts	not included	not included	included	not included	not included

**Additional catalog numbers for combined Installation and Operational Qualification (IQ/OQ) services are listed below.**

**Travel and labor are included. Additional parts are not included.**

- > **Group 1 - for microcentrifuge w/o refrigeration: 0082020009**
- > **Group 2 - for microcentrifuge with refrigeration: 0082020019**
- > **Group 3 - for multipurpose w/o refrigeration: 0082020029**
- > **Group 4 - for multipurpose with refrigeration: 0082020039**

<sup>1</sup> Where feature is present.

<sup>2</sup> The detailed certification service contents are listed in the OQ Report.

## Advantage OS

An easy-to-use value packaged service option to help plan in advance and protect the system. Advantage OS provides parts, labor, and travel for 2 visits; an Advanced Maintenance and a single repair visit within the year.

### Field Service Only

Advantage OS	Catalog No.
Group 1	901513540
Group 2	901513542
Group 3	901513544
Group 4	901513546

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