

NEW



# Floor-standing ovations

SpinPro® 8 R sets the stage to take on high-capacities at high-speed

# May we take you for a spin?

In biotech, pharma, and high-capacity academic laboratories, centrifugation supports a wide range of applications throughout the day. Cell harvesting, large-volume separation, high-speed processing, and different vessel formats all place specific demands on a centrifuge. Shared instruments also need to be easy to operate, simple to document, and reliable from one user and run to the next.

The SpinPro® 8 R brings high capacity and high-speed performance together in one refrigerated, floorstanding centrifuge. The versatile rotor portfolio supports a broad range of applications and vessel formats. Intuitive touch operation makes the system easy to use, while clear run records simplify documentation. More sustainable CO<sub>2</sub> cooling and connectivity options help you manage your workflow efficiently.

With the SpinPro® 8 R, you can keep more of your centrifugation workflow on one system – with performance worthy of floor-standing ovations.

## High-capacity

Handle demanding large-volume workflows with up to 4 × 1,500 mL or 6 × 1,000 mL per run. A portfolio of 30 different rotors supports tubes, bottles, flasks, and plates, helping you keep more applications on one centrifuge. This flexibility allows laboratories to adapt to changing sample formats and process requirements without having to divide workflows across several instruments.

## High-speed

Reach speeds of up to 22,000 rpm and 58,700 × g for efficient cell harvesting and high-speed separation. Flexible rotor options let you adapt performance to changing applications and vessel formats. The SpinPro 8 R provides the performance you need to support reliable, reproducible results.

## High-comfort

The SpinPro 8 R combines a 7-inch touch display and intuitive operation with more sustainable CO<sub>2</sub>-based cooling using R744. With a Global Warming Potential (GWP) of 1, the cooling technology supports both user comfort and more sustainable laboratory operation. Energy Safe Mode, standby functionality, connectivity options, and clear status information complete this futureready centrifugation experience.



More about SpinPro® 8 R  
[eppendorf.link/spinpro8r-centrifuge](https://eppendorf.link/spinpro8r-centrifuge)



# More capacity. More speed. More comfort.

**1 – High-capacity versatility**

- Up to 4 × 1,500 mL or 6 × 1,000 mL per run
- Broad rotor portfolio for tubes, bottles, flasks, and plates
- New Rotor R5A for 6 × 1,000 mL harvesting workflows
- New swing-bucket Rotor R5SS3 for flexible vessel and plate processing

**2 – Sustainability**

- CO<sub>2</sub>-based cooling with R744 refrigerant
- Global Warming Potential (GWP): 1
- Energy Safe Mode, standby functionality, and regenerative braking

**3 – High-comfort operation**

- 7-inch color touch display with intuitive user interface
- Clear device status at a glance with status light bar and distance display
- Up to 99 programs and five-step program sequences
- Favorites and user management for straightforward shared use

**4 – Connectivity and documentation**

- USB and LAN interfaces for data export and device connectivity
- Run records and operating history for improved traceability
- Connectivity options for VisioNize® Lab Suite, LIMS, and ELN environments
- Direct API-based access using standard protocols

**5 – Safety and rotor management**

- Automatic rotor recognition and rotor cover detection
- Rotor lifecycle management and rotor library
- Non-contact imbalance detection and dual overspeed detection
- User administration with selectable AuditSafe Mode

**6 – High-speed performance**

- Centrifugation speeds of up to 22,000 rpm
- Maximum RCF of up to 58,700 × g with fixed-angle rotor R27A
- Temperature control from –20 °C to +40 °C

More capacity for more of  
your workflow

Up to 4 × 1,500 mL or 6 × 1,000 mL capacity supports large volume processing on one centrifuge. Flexible rotor options help accommodate changing vessels, protocols, and throughput requirements.

High-speed performance  
without compromise

With speeds of up to 22,000 rpm and RCF values of up to 58,700 × g, the SpinPro 8 R supports efficient cell harvesting and demanding high-speed separation. Refrigerated operation helps maintain temperature-sensitive samples throughout the run.

Designed for  
confident operation

The modern touch interface, clear status information, programmable workflows, and comprehensive safety functions simplify everyday use. Automatic rotor recognition, imbalance detection, and rotor lifecycle management support reliable operation in shared laboratories.



For more information on  
Eppendorf Sustainability visit:  
[eppendorf.link/sustainability](https://eppendorf.link/sustainability)



# Connectivity and control

**Connectivity and data export**

USB and Ethernet interfaces support data export and device connectivity. Operating data and run history can be exported for documentation and further processing. Integration options include LIMS and ELN environments using standard protocols, helping laboratories connect centrifugation data with existing digital workflows.

**User management and traceability**

User administration with multiple access levels helps organize shared use and assign appropriate permissions. Run records, operating history, rotor lifecycle management, and selectable AuditSafe Mode support traceable operation and workflows aligned with 21 CFR Part 11 requirements.

**VisioNize® Lab Suite**

For an optimal and seamless connectivity experience, Eppendorf offers VisioNize® Lab Suite to track your centrifuge, anytime, anywhere.

By connecting Eppendorf devices to the cloud-based VisioNize® Lab Suite, you can:

- Remotely monitor device performance
- Receive notifications if there is an event
- Gain access to and export device information, user access and parameter records

Enjoy a free basic subscription for the first 3 connected devices.



**Intuitive touchscreen interface**

Operate the SpinPro 8 R through its modern 7-inch color touch display even with gloves. The graphical user interface provides clear access to all functions.

**Programs and favorites**

Create and access up to 99 programs, including multi-step protocols with up to five steps. Favorites help users quickly find frequently used settings, supporting efficient workflow management in shared laboratories.

**Multilingual software**

The SpinPro 8 R user interface is available in 13 languages, supporting laboratories with international teams, reducing the risk of miscommunication and errors.

Stay ahead and benefit from the latest innovations and features: thanks to the built-in over-the-air update function, your centrifuge will evolve over time.





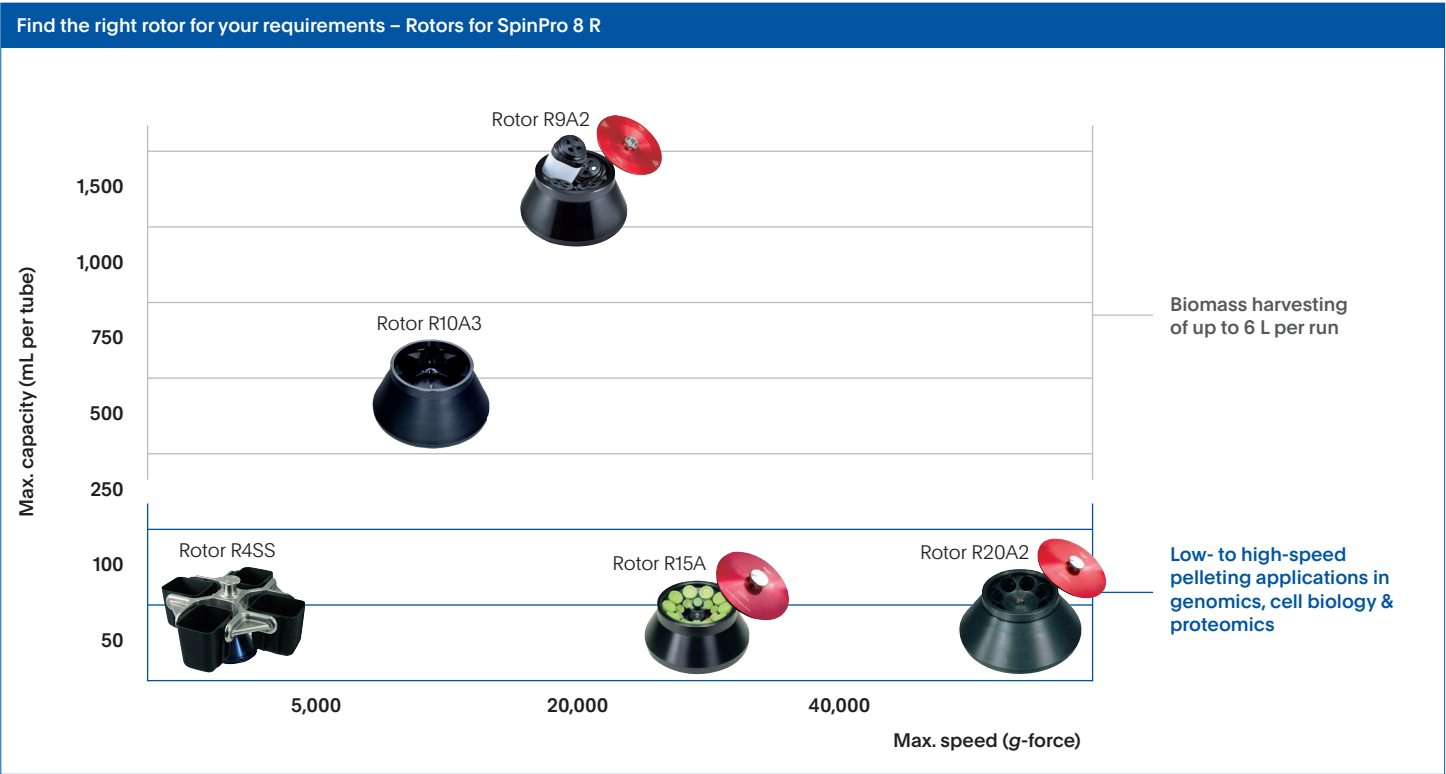
**More about VisioNize®**  
[eppendorf.link/visionize](https://eppendorf.link/visionize)



# Rotors selection – for harvesting and more

The SpinPro 8 R offers a broad portfolio of 30 rotors for high-volume and highspeed centrifugation. From tubes, bottles, and flasks to microplates and deepwell plates, flexible rotor and adapter options help you match the centrifuge to your application and vessel format.

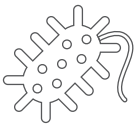
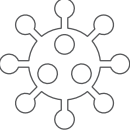
- Gain great flexibility and save precious time with our unique triangular bottles:
- No minimum filling level. Spin samples between 0 – 1.5 L without worrying about bottle stability
  - Reduces handling steps during the separation
  - Process such as balancing, supernatant harvesting, pellet recovery, and cleaning of bottles after the run



Exemplary workflow spanning a large volume and speed range

|   |                                 |                       |                 |                  |
|---|---------------------------------|-----------------------|-----------------|------------------|
| 1 | Biomass harvesting              | from 1 L to several L | Speed<br>—<br>+ | Volume<br>+<br>— |
| 2 | Cell lysis & clarification      | from 100 mL           |                 |                  |
| 3 | Purification                    | from 10 mL            |                 |                  |
| 4 | Concentration / Buffer exchange |                       |                 |                  |
| 5 | Polishing                       |                       |                 |                  |

A solution for every application

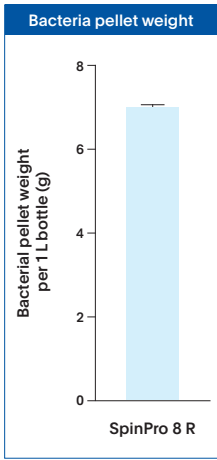
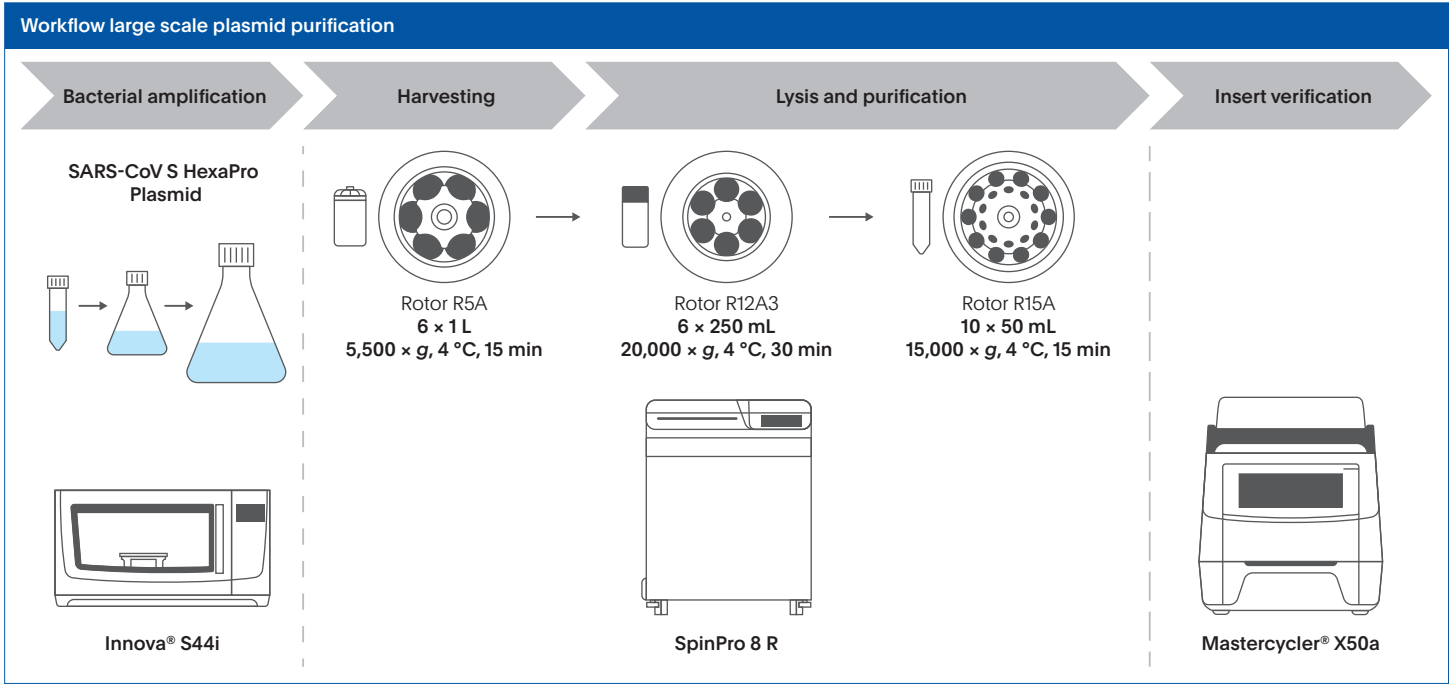
|                                                                                                                                                                                |              |              |                 |                                  |  |  |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|-----------------|----------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Rotor                                                                                                                                                                          | Capacity     | Order No.    | Max speed (× g) | Included Consumable              | Mammalian, bacteria, algae                                                        | DNA, RNA, proteins                                                                  | Mitochondria, lysosomes, nuclei                                                     | Exosomes, Golgi, virus, peroxisomes                                                 |
| Fixed angle rotors are ideal for pelleting and harvesting application                                                                                                          |              |              |                 |                                  |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| R5A                                                                                                                                                                            | 6 × 1,000 mL | 5720 411 480 | 6,100           | –                                |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| R9A2*1                                                                                                                                                                         | 4 × 1,500 mL | 5721 221 014 | 15,100          | 4 × 1500PP bottle (WM)           |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| R9A*1,2                                                                                                                                                                        | 4 × 1,000 mL | 5721 221 015 | 15,300          | 4 × 1000PP bottle (WM)           |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| R10A3*1                                                                                                                                                                        | 6 × 500 mL   | 5721 221 013 | 18,800          | 6 × 500PP bottle                 |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| R10A5*1                                                                                                                                                                        | 6 × 500 mL   | 5721 221 012 | 18,900          | –                                |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| R12A6*1,2                                                                                                                                                                      | 4 × 500 mL   | 5721 221 010 | 22,500          | 4 × 500PP bottle                 |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| R12A3                                                                                                                                                                          | 6 × 250 mL   | 5721 221 011 | 23,800          | 6 × 250PP bottle                 |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| R13A*1                                                                                                                                                                         | 6 × 250 mL   | 5721 221 009 | 26,400          | 6 × 250PP bottle                 |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| R14A3                                                                                                                                                                          | 10 × 100 mL  | 5721 221 105 | 29,100          | 10 × 80PP bottle                 |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| R14A                                                                                                                                                                           | 4 × 250 mL   | 5721 221 008 | 30,240          | 4 × 250PP bottle                 |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| R15A*1                                                                                                                                                                         | 10 × 50 mL   | 5721 221 007 | 32,300          | 100 × 15TC tube, 100 × 50TC tube |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| R18A*1                                                                                                                                                                         | 8 × 50 mL    | 5721 221 006 | 42,200          | 100 × 50TC tube                  |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| R19A*1                                                                                                                                                                         | 6 × 80 mL    | 5721 221 103 | 45,610          | 6 × 80PP bottle                  |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| R20A2*1                                                                                                                                                                        | 8 × 50 mL    | 5721 302 106 | 48,000          | 8 × 50PP tube                    |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| R21A2*1                                                                                                                                                                        | 6 × 30 mL    | 5721 221 104 | 50,000          | 6 × 30PP bottle                  |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| R22A*1                                                                                                                                                                         | 18 × 7 mL    | 5721 221 101 | 54,700          | 18 × 7PP tube                    |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| R22A6*1                                                                                                                                                                        | 12 × 10 mL   | 5721 221 002 | 55,100          | 12 × 10PP bottle                 |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| R22A4*1,2                                                                                                                                                                      | 30 × 2 mL    | 5721 221 003 | 55,200          | –                                |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| R27A*1                                                                                                                                                                         | 8 × 50 mL    | 5721 202 101 | 58,700          | 8 × 50PP bottle                  |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| Sealed rotors feature a special sealing type that can prevent sample leakage. Since they also feature a fixed angle they are perfect for harvesting and pelleting applications |              |              |                 |                                  |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| R8AY                                                                                                                                                                           | 6 × 500 mL   | 5721 221 113 | 12,000          | 6 × 500PP bottle                 |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| R12AY                                                                                                                                                                          | 4 × 250 mL   | 5721 221 112 | 22,200          | 4 × 250PP bottle                 |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| R16AY                                                                                                                                                                          | 6 × 80 mL    | 5721 221 111 | 32,300          | 6 × 80PP bottle                  |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| R18AY                                                                                                                                                                          | 8 × 50 mL    | 5721 221 110 | 38,800          | 8 × 50PP bottle                  |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| Swing-bucket rotors allow maximum sedimentation and are ideal for density gradient applications                                                                                |              |              |                 |                                  |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| R5SS3                                                                                                                                                                          | 4 × 750 mL   | 5720 411 482 | 4,830           | –                                |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| R10S                                                                                                                                                                           | 4 × 50 mL    | 5721 224 102 | 16,470          | 4 × 50PP tube                    |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| R15S3                                                                                                                                                                          | 4 × 11 mL    | 5721 224 101 | 28,700          | 4 × 11PP thick walled tube       |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| Swing-bucket rotors for plates are ideal for ethanol precipitation of nucleic acids and microplate spin-down and centrifugation                                                |              |              |                 |                                  |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| R5S4*1,2                                                                                                                                                                       | –            | 5721 224 001 | 3,100           | –                                |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| R6S                                                                                                                                                                            | –            | 5721 224 104 | 5,010           | –                                |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| Horizontal rotor are ideal for purification of PCR products and ethanol precipitation of nucleic acids in plates                                                               |              |              |                 |                                  |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| R10H                                                                                                                                                                           | –            | 5721 227 000 | 13,000          | –                                |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| Multifunctional rotors are ideal for centrifugation of blood collection tubes, glass tubes, conical tubes                                                                      |              |              |                 |                                  |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| R3S                                                                                                                                                                            | 4 × 500 mL   | 5721 224 003 | 1,940           | –                                |                                                                                   |                                                                                     |                                                                                     |                                                                                     |
| R4SS                                                                                                                                                                           | 40 × 15 mL   | 5721 264 002 | 2,900           | –                                |                                                                                   |                                                                                     |                                                                                     |                                                                                     |

\*1 Autoclavable  
\*2 Biosafety Certified

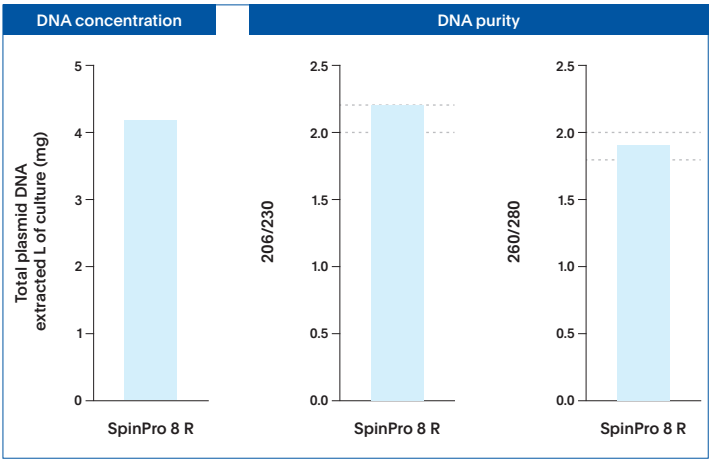
Example application:  
Large-scale plasmid DNA purification

Large-scale plasmid purification starts with large volumes and the need to efficiently harvest a substantial bacterial pellet. As the workflow progresses, the sample volume is reduced and centrifugation requirements increase: the final plasmid pellet is handled in a smaller volume but requires higher centrifugal forces for efficient precipitation.

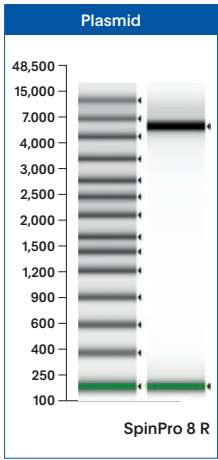
The SpinPro 8 R combines high-capacity and high-speed rotor options, enabling the complete workflow to be performed with one refrigerated system – from cell harvesting to plasmid precipitation. In the evaluated workflow, the resulting plasmid DNA showed high yield and purity, demonstrating the system’s suitability for large-scale plasmid preparation.



Bacterial pellet weight per 1 L bottle after centrifugation



Data representing DNA concentration and purity after centrifugation



DNA integrity after centrifugation



# Your service options

**Our Service Agreements – your advantages**

With our basket of Service Agreement solutions, we take the load off your shoulders by simplifying your ordering and budgeting process for various services over the full lifetime of your instruments.

Your costs become reduced and predictable, thereby assuring continuous productivity and a long service life. In addition, our agreements include repair costs – fully or partially – and discounts on other services.



Eppendorf service agreements

| Services Agreement                           | AdvancedCare<br>For assured instrument reliability and uptime | PremiumCare<br>For assured instrument reliability, uptime and financial plannability |
|----------------------------------------------|---------------------------------------------------------------|--------------------------------------------------------------------------------------|
| Full preventive maintenance                  | 1/year                                                        | 1/year                                                                               |
| Priority support*1                           | ●                                                             | ●                                                                                    |
| Parts, labor, travel on repairs              | 20 % discount                                                 | included                                                                             |
| Discount on additional services (e.g. IQ/OQ) | 10 %                                                          | 10 %                                                                                 |

\*1 Subject to local business conditions, and based on a »best-effort« practise. For more information please contact your local service organization.



**More about Eppendorf Services**  
eppendorf.link/centrifuge-service

# Qualification services

**IQ and OQ services – support GxP compliance**

Are you working in a regulated environment? We offer specifically created Installation Qualification (IQ) and Operational Qualification (OQ) services including supportive GxP compliant documentation. These documents support the

complex GxP standards and regulations, reducing your administrative workload, and provide you with qualified assurance that your instrument is installed and operating in accordance with manufacturer's specifications.



Eppendorf IQ and OQ services

| Installation Qualification & Operational Qualification services   | IQ/OQ GxP | OQ GxP |
|-------------------------------------------------------------------|-----------|--------|
| Check of delivery status, and installation environment            | ●         | –      |
| Initial configuration, functional*2 and safety checks.            | ●         | –      |
| Detailed IQ report                                                | ●         | –      |
| Test of notification and alert functions                          | ●         | ●      |
| Verification of instrument parameters*2 (e.g. temperature, speed) | ●         | ●      |
| Detailed OQ report and handling of deviation list                 | ●         | ●      |
| Signed approval by customer and service technician                | ●         | ●      |

\*2 According to manufacturer specifications.

Rotor overview

| Product name                        | Max. capacity | Max. speed | Max. RCF          |
|-------------------------------------|---------------|------------|-------------------|
| Fixed-angle rotor                   |               |            |                   |
| Rotor R5A                           | 6 × 1,000 mL  | 5,300 rpm  | 6,100 × <i>g</i>  |
| Rotor R9A                           | 4 × 1,000 mL  | 9,000 rpm  | 15,300 × <i>g</i> |
| Rotor R9A2                          | 4 × 1,500 mL  | 8,500 rpm  | 15,100 × <i>g</i> |
| Rotor R10A3                         | 6 × 500 mL    | 10,000 rpm | 18,800 × <i>g</i> |
| Rotor R10A5                         | 6 × 500 mL    | 10,000 rpm | 18,900 × <i>g</i> |
| Rotor R12A3                         | 6 × 500 mL    | 12,000 rpm | 23,800 × <i>g</i> |
| Rotor R12A4                         | 72 × 2 mL     | 12,000 rpm | 23,800 × <i>g</i> |
| Rotor R12A6                         | 4 × 500 mL    | 12,000 rpm | 22,500 × <i>g</i> |
| Rotor R13A                          | 6 × 250 mL    | 13,000 rpm | 26,400 × <i>g</i> |
| Rotor R14A                          | 4 × 250 mL    | 14,000 rpm | 30,240 × <i>g</i> |
| Rotor R14A3                         | 10 × 100 mL   | 14,000 rpm | 29,100 × <i>g</i> |
| Rotor R15A                          | 10 × 50 mL    | 15,000 rpm | 32,500 × <i>g</i> |
| Rotor R18A                          | 8 × 50 mL     | 18,000 rpm | 42,200 × <i>g</i> |
| Rotor R19A                          | 6 × 80 mL     | 19,000 rpm | 45,600 × <i>g</i> |
| Rotor R20A2                         | 8 × 50 mL     | 20,000 rpm | 48,000 × <i>g</i> |
| Rotor R21A                          | 16 × 11 mL    | 21,000 rpm | 53,250 × <i>g</i> |
| Rotor R21A2                         | 6 × 30 mL     | 21,000 rpm | 50,000 × <i>g</i> |
| Rotor R22A                          | 18 × 7 mL     | 22,000 rpm | 54,700 × <i>g</i> |
| Rotor R22A4                         | 30 × 2 mL     | 22,000 rpm | 55,200 × <i>g</i> |
| Rotor R22A6                         | 12 × 10 mL    | 22,000 rpm | 55,100 × <i>g</i> |
| Rotor R27A                          | 8 × 50 mL     | 22,000 rpm | 58,700 × <i>g</i> |
| Special seal type fixed-angle rotor |               |            |                   |
| Rotor R8AY                          | 6 × 500 mL    | 8,000 rpm  | 12,000 × <i>g</i> |
| Rotor R12AY                         | 4 × 250 mL    | 12,000 rpm | 22,200 × <i>g</i> |
| Rotor R16AY                         | 6 × 80 mL     | 16,000 rpm | 32,300 × <i>g</i> |
| Rotor R18AY                         | 8 × 50 mL     | 18,000 rpm | 38,800 × <i>g</i> |

The maximum capacity refers to the nominal volume. The maximum filling volume may depend on the application, rotor and speed. Please consult with your sales representative for further details.

| Separation example                                                                                                                                                         | Included tube/bottle                | Order no.    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------|
| For harvesting of bacteria, cells or yeast for e.g. recombinant protein or antibody purification in bottles with 6 × 1 L.                                                  |                                     | 5720 411 480 |
| For harvesting of bacteria, cells or yeast for e.g. recombinant protein or antibody purification in bottles with 4 × 1 L.                                                  | 4 × 1000PP bottle (WM)              | 5721 221 015 |
| For harvesting of bacteria, cells or yeast for e.g. recombinant protein or antibody purification in easy-to-handle, aerosol-tight bottles with 4 × 1.5 L.                  | 4 × 1500PP bottle (WM)              | 5721 221 014 |
| For harvesting of bacteria, cells or yeast for e.g. recombinant protein purification or cell compartment purification in 6 × 500 mL bottles.                               | 6 × 500PP bottle                    | 5721 221 013 |
| For harvesting of bacteria, cells or yeast for e.g. recombinant protein purification or cell compartment purification in 6 × 500 mL Nalgene® bottles.                      |                                     | 5721 221 012 |
| For harvesting of bacteria, cells or yeast for e.g. recombinant protein or cell compartment purification in 6 × 250 mL bottles.                                            | 6 × 250PP bottle                    | 5721 221 011 |
|                                                                                                                                                                            |                                     | 5721 221 106 |
| For harvesting of bacteria, cells or yeast for e.g. recombinant protein purification or cell compartment purification in 4 × 500 mL Nalgene® bottles.                      | 4 × 500PP bottle                    | 5721 221 010 |
| Lighter Rotor for harvesting of bacteria, cells or yeast and removing cellular debris for e.g. recombinant protein or cell compartment purification in 6 × 250 mL bottles. | 6 × 250PP bottle                    | 5721 221 009 |
| For harvesting of bacteria, cells or yeast and removing cellular debris for e.g. recombinant protein or cell compartment purification in 4 × 250 mL bottles.               | 4 × 250PP bottle                    | 5721 221 008 |
|                                                                                                                                                                            | 10 × 80PP bottle                    | 5721 221 105 |
| For removing cellular debris or differential pelleting of subcellular organelles/compartments in conical tubes with 10 × 50 mL.                                            | 100 × 50TC tube and 100 × 15TC tube | 5721 221 007 |
| For fast removal of cellular debris or differential pelleting of subcellular organelles/compartments in conical tubes with 8 × 50 mL.                                      | 100 × 50TC tube                     | 5721 221 006 |
| Ideal for differential pelleting of cells and subcellular organelles, as well as the extraction, precipitation, concentration and purification of nucleic acids.           | 6 × 80PP bottle                     | 5721 221 103 |
| For differential pelleting of subcellular organelles/compartments in tubes with 8 × 50 mL.                                                                                 | 8 × 50PP tube                       | 5721 302 106 |
|                                                                                                                                                                            | 16 × 11PP thickwalled tube          | 5721 221 102 |
| For differential pelleting of subcellular organelles/compartments or larger virus particles in tubes with 6 × 30 mL.                                                       | 6 × 30PP bottle                     | 5721 221 004 |
|                                                                                                                                                                            | 7PP tube                            | 5721 221 101 |
|                                                                                                                                                                            |                                     | 5721 221 003 |
| For pelleting of subcellular organelles/compartments or larger virus particles. For high throughput of small volumes with 30 × 2 mL tubes.                                 |                                     |              |
| For pelleting of subcellular organelles/compartments or larger virus particles in tubes with 12 × 10 mL.                                                                   | 12 × 10PP bottle                    | 5721 221 002 |
| For pelleting of subcellular organelles/compartments or larger virus particles in tubes with 8 × 50 mL.                                                                    | 8 × 50PP bottle                     | 5721 202 101 |
|                                                                                                                                                                            |                                     |              |
|                                                                                                                                                                            | 6 × 500PP bottle                    | 5721 221 113 |
|                                                                                                                                                                            | 4 × 250PP bottle                    | 5721 221 112 |
|                                                                                                                                                                            | 6 × 80PP bottle                     | 5721 221 111 |
|                                                                                                                                                                            | 8 × 50PP bottle                     | 5721 221 110 |

Rotor overview

| Product name           | Max. capacity | Max. speed | Max. RCF          |
|------------------------|---------------|------------|-------------------|
| Swing-bucket rotor     |               |            |                   |
| Rotor R3S              | 4 × 500 mL    | 3,000 rpm  | 1,940 × <i>g</i>  |
| Rotor R4SS             | 40 × 15 mL    | 4,000 rpm  | 2,900 × <i>g</i>  |
| Rotor R5SS3            | 4 × 750 mL    |            | 4,830 × <i>g</i>  |
| Rotor R5S4             | NA            | 4,700 rpm  | 3,100 × <i>g</i>  |
| Rotor R6S              |               | 5,700 rpm  | 5,010 × <i>g</i>  |
| Rotor R8S              | 4 × 50 mL     | 8,000 rpm  | 11,500 × <i>g</i> |
| Rotor R10S             | 4 × 50 mL     | 10,000 rpm | 16,470 × <i>g</i> |
| Rotor R15S3            | 4 × 12 mL     | 15,000 rpm | 28,700 × <i>g</i> |
| Horizontal rotor       |               |            |                   |
| Rotor R10H             | NA            | 10,000 rpm | 13,000 × <i>g</i> |
| Soil dehydration rotor |               |            |                   |
| Rotor R11D2            | 4 × 110 mL    | 11,000 rpm | 15,800 × <i>g</i> |

The maximum capacity refers to the nominal volume. The maximum filling volume may depend on the application, rotor and speed. Please consult with your sales representative for further details.

| Separation example                                                                                                                                                                                                                 | Included tube/bottle       | Order no.    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------|
| For serum isolation or harvesting of bacteria or cells. For mid volumes with up to 4 × 500 mL tubes.                                                                                                                               |                            | 5721 224 003 |
| For serum isolation, protein concentration in columns or harvesting of bacteria or cells in round bottom tubes with 40 × 15 mL.                                                                                                    |                            | 5721 264 002 |
| For serum isolation, protein concentration or harvesting of bacteria or cells. Wide range of adapters for vessels and bottles ranging from 0.2 mL to 750 mL, as well as plates. For details see Rotor S-4x750 for Centrifuge 5810. |                            | 5720 411 482 |
| For plate centrifugation for e.g. ELISA or PCR in up to 12 × 96 plates.                                                                                                                                                            |                            | 5721 224 001 |
|                                                                                                                                                                                                                                    |                            | 5721 224 104 |
| For strong pelleting of bacteria, yeast or cells for e.g. recombinant protein purification in conical tubes with 4 × 50 mL.                                                                                                        |                            | 5721 202 400 |
|                                                                                                                                                                                                                                    | 4 × 50PP tube              | 5721 224 102 |
|                                                                                                                                                                                                                                    | 4 × 11PP thick-walled tube | 5721 224 101 |
| For plate centrifugation for e.g. PCR or cell-free protein synthesis with up to 12 × 96 plates.                                                                                                                                    |                            | 5721 227 000 |
| For liquid separation from soil or other solid organic material.                                                                                                                                                                   |                            | 5721 228 000 |

# SpinPro 8 R at a glance

Key features

- Sustainability
- Refrigerant (R744 = CO<sub>2</sub>)
  - Energy safe mode, standby function and aerodynamic bucket design for reduced energy consumption

- Rotor selection
- 30 different rotors available
  - 20 different standard fixed-angle rotors with speeds up to 58,700 × g (Rotor R27A)
  - 4 different sealed fixed-angle rotors for special applications
  - 6 swing-bucket and one horizontal rotor allowing easy handling of plates and enhanced flexibility

Additional features

- 7-inch touch screen
- Connection via USB and Ethernet
- LIMS, ELN and VisioNize® Lab Suite integration options
- User management
- Selectable audit-safe mode to support CRF21 part 11 compliance

Certifications and registrations

- Company
- ISO 9001
  - ISO 14001
  - ISO 13485
- Centrifuge
- Declaration of Conformity (incl. all relevant directives and safety standards)
  - Certificate of containment testing for aerosoltight rotors

| Technical specifications |                              |
|--------------------------|------------------------------|
| Maximum speed            |                              |
| Max RCF                  |                              |
| • Fixed-angle rotor      | 58,700 × g                   |
| • Swing-bucket rotor     | 28,700 × g                   |
| Max. rotational speed    | 22,000 rpm                   |
| Max. capacity            | 4 × 1,500 mL / 6 × 1,000 mL  |
| Max. power consumption   | 4,200 W / ≤ 4.6 kVA          |
| Idle power consumption   | 32 W                         |
| Noise level              | < 65 dB(A)                   |
| Temperature range        | -20 °C – 40 °C               |
| Power supply (type)      | 200 V – 240 V, 50 Hz / 60 Hz |

| Dimensions           |                    |
|----------------------|--------------------|
| W × D × H            | 700 × 810 × 908 mm |
| Height with open lid | 1,500 mm           |
| Footprint            |                    |
| • Baseplate          | 700 × 591 mm       |
| • Foot spacing       | 670 × 473 mm       |
| Weight*              | 265 kg             |
| Shipping weight      | 310 kg             |

\* W/o rotors and accessories

## Ordering information

| Description                                      | Order no.           |
|--------------------------------------------------|---------------------|
| SpinPro® 8 R, refrigerated, global voltage model | See URL below table |



For ordering information, please check our local website or contact your local sales representative.  
[www.eppendorf.link/spinpro8r-centrifuge](http://www.eppendorf.link/spinpro8r-centrifuge)



For order information regarding centrifuge services, please check our local website or contact your local sales representative.  
[www.eppendorf.link/centrifuge-service](http://www.eppendorf.link/centrifuge-service)

**Your local distributor: [www.eppendorf.com/contact](http://www.eppendorf.com/contact)**

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