

Technical Specifications Refrigerated Centrifuge Eppendorf Make

The Eppendorf 5804R refrigerated centrifuge is a versatile and compact model widely used in laboratories for various applications, including molecular biology, cell culture, and clinical research. Below are the technical specifications and rotor details for using 2 mL Eppendorf tubes, 15 mL tubes, and 50 mL tubes:

Specification	Requirement
Technical details of Eppendorf centrifuge 5804R	<p>Eppendorf 5804R Refrigerated Centrifuge: Max. Capacity: 4 × 100 mL for swing-out rotors 6 × 50 mL for fixed-angle rotors Max. Speed: 14,000 rpm (depends on rotor) Max. RCF (Relative Centrifugal Force): 20,800 × g Temperature Range: -9°C to +40°C Acceleration/Braking Ramps: 9/10 acceleration and deceleration profiles Timer: 1 min to 99 min, with continuous mode Noise Level: ≤55 dB(A) Power Requirements: 230 V, 50-60 Hz Weight: 73 kg Dimensions (W × D × H): 54 × 70 × 34 cm Rotor Options for Different Tube Sizes: For 2 mL Eppendorf Tubes:</p> <p>Rotor: FA-45-30-11 (Fixed Angle Rotor) Capacity: 30 × 2 mL tubes Max. Speed: 14,000 rpm Max. RCF: 20,817 × g For 15 mL Tubes:</p> <p>Rotor: FA-45-6-30 (Fixed Angle Rotor) Capacity: 6 × 15 mL tubes Max. Speed: 10,000 rpm Max. RCF: 11,300 × g For 50 mL Tubes:</p> <p>Rotor: FA-45-6-30 (Fixed Angle Rotor) Capacity: 6 × 50 mL tubes Max. Speed: 9,500 rpm Max. RCF: 12,700 × g Additional Features:</p> <p>Fast-Cooling Function: Pre-cools the centrifuge to 4°C within 15 minutes. Dynamic Compressor Control (DCC): For optimized cooling performance during the run. Broad Application Support: Adapts to a wide range of tube sizes and types with specific rotors and adapters.</p>
Warranty	2(two) years after satisfactory installation and working excluding consumable parts and accessories.

Training	The supplier will have to carry out successful Installation at the laboratory premises (where ever the system has to be installed) and provide on-site comprehensive training for a minimum of two scientific personnel operating the system till customer satisfaction
List of Spares and Accessories	List of all spares and accessories (including minor) with part numbers and price, required for maintenance and repairs in future after guarantee/warranty period should be attached
UPS/ Stabilizer	Stabilizer as required for functioning of the equipment. Stabilizer price should be included in weighing balance price.
After sales service/ Post warranty	Contact details of manufacturer, supplier and local service agent to be provided, including toll free/ Landline Number; Should have a good after sales service/technical support capable of reaching at short notice the places where instrument is installed. Visits and unlimited breakdown calls by service/application support, engineers should attend immediately without fail
Compliance statement	The quote should also include a compliance statement vis-a-vis Specifications in a "tabular form" clearly stating the compliance and giving justification if any supported by technical literature. This statement must be signed, with the company seal, for its authenticity and acceptance that any incorrect or ambiguous information found submitted will result in disqualification.
Payment	Payment only after installation, validation and performance demonstration