

BENCHTOP REFRIGERATED CENTRIFUGE

BRC-Micro

High-performance benchtop centrifuge for blood banks, laboratories and clinical applications.



-20°C ~ 40°C
Refrigerated



Safe &
Reliable



≤58 dB (A)
Low Noise



User Friendly
Operation

KEY FEATURES

- ✓ BRC series refrigerated microcentrifuges with a modern design are widely used in blood banks, laboratories and hospitals for separation processes such as whole blood, platelets and erythrocytes.
- ✓ High torque, microprocessor-controlled, brushless motor ensures maintenance-free, long-lasting and stable performance.
- ✓ Direct-drive rotor system provides excellent balance and can handle imbalances up to 10 grams, ensuring smooth and quiet operation with low vibration and noise.
- ✓ Eco-friendly, high-efficiency refrigeration system with CFC-free compressor enables fast and precise temperature control with both internal and external circulation.
- ✓ A reliable electric automatic lid lock system ensures safe operation. The lid cannot be opened until the rotor has completely stopped.
- ✓ In the event of a power interruption, the lid can be opened manually using the emergency release.
- ✓ A transparent viewing window on the top lid allows calibration and easy monitoring.
- ✓ Equipped with additional sensors and safety features to protect the user in case of any malfunction.
- ✓ The centrifuge chamber is manufactured from high-quality steel, ensuring a robust, durable and safe operation.

TECHNICAL SPECIFICATIONS

Model	BRC-Micro
Maximum Speed	16,000 RPM
Maximum RCF	19,040 × g
Maximum Capacity	6 × 10 ml
Temperature Range	-20°C ~ 40°C
Timer	99 h 59 min
Temperature Accuracy	±1°C
Speed Accuracy	±50 r/min
Noise Level	≤58 dB (A)
Power Supply	AC 220V 50Hz 6A
Dimensions (W × D × H)	490 × 510 × 280 mm
Packing Dimensions (W × D × H)	630 × 560 × 450 mm
Net / Gross Weight	46 Kg / 60 Kg

COMPATIBLE ROTORS FOR BRC-MICRO

Order No.	Model	Maximum Capacity	Max. RPM	Max. RCF (g)
INO31447	Angle Rotor	4 × 8 PCR	14,000	13,720
INO31001	Angle Rotor	40 × 0.2 ml	16,000	19,040
INO30402	Angle Rotor	40 × 0.5 ml	13,000	17,210
INO31003	Angle Rotor	12 × 1.5 / 2 ml	16,000	16,260
INO31005	Angle Rotor	24 × 1.5 / 2 ml	14,000	17,950
INO31008	Angle Rotor	30 × 0.5 ml	13,000	13,900
INO31004	Angle Rotor	10 × 5 ml	16,000	17,800
INO31004	Angle Rotor	20 × 1.5 / 2 ml	14,000	15,580
INO310451	Angle Rotor	24 Capillaries	12,000	15,800
INO30437	Angle Rotor	12 Capillaries	12,000	14,800