



LCD Display



Refrigerated  
-20°C to 40°C

Download  
Catalogue



# LACE6HRC Low Speed Refrigerated Centrifuge

## Angle/Swing out Rotor

LACE6HRC multifunctional centrifuge is engineered for precise and efficient sample processing across various applications including clinical diagnostics, molecular biology, and pharmaceutical research. Designed with safety, performance, and versatility in mind, it combines modern features with reliable technology.

- Equipped with a CFC-free compressor unit and R404a environmentally friendly refrigerant. Offers a wide temperature range from -20°C to +40°C, with adjustable temperature during operation. The refrigeration system enables rapid cooling and includes a standby cooling function to maintain set temperature when idle.
- Built with a full metal, multi-layer explosion-proof structure for maximum durability and user safety.
- Features an embedded microprocessor-controlled system driven by a DC brushless motor for maintenance-free operation, excellent shock absorption, and smooth performance.
- Includes a 5-inch LCD touchscreen. The interface is user-friendly and displays real-time operational parameters clearly.
- Integrated electromechanical door locking system ensures safety and reliability during operation.
- The chamber is sealed with a one-piece food-grade silicone ring to prevent aerosol leakage, ensuring maximum protection for the operator.
- Built-in self-diagnostics, and alarms for over-speed, over-temperature, and blockages. Enhanced shock absorption system ensures stable motor performance.
- Supports multiple user-defined programs, allowing quick access to frequently used settings. Automatically loads the last used program at startup.
- Compatible with a wide range of rotors and adapters, accommodating centrifuge tubes from 0.1 ml to 500 ml, enabling multi-purpose use across diverse laboratory needs.
- Automatic rotor recognition function is available as an optional feature for added safety and convenience.



## Max. Capacity 4x500ml

Swing out Rotor



## 6000rpm/5290xg

Maximum speed and rcf meet all demand for clinical centrifuge



## TOUCH Screen Display

Speed/RCF, Time, Parameters can be set during the centrifuge work



## Brushless Motor

COLO brushless motor is maintenance free, no carbon dust polution



## Safety Function

Electric Lead Lock with safety function, imbalance detection, over heating of centrifuge protection

Item Name	LACE6HRC
Max. Rotor capacity	4X500ml
Max. Speed rpm/xg	6000rpm/5290xg
Speed Accuracy	±10 rpm
Temperature range	-20°C~+40°C
Temperture accuracy	±1°C
Noise	≤65dB (A)
Timer	0-99h59nin / continuous / short spin button
Electric safety lid lock	Mechatronic motor door lock
RPM/RCF conversion	Yes
Power supply	AC 220V, 50/60Hz
Weight kg NV/GW	105/130

# Rotors for LACE6HRC Low Speed Refrigerated Centrifuge

## Angle/Swing out Rotor

R1 - Swing out, 48x2/3/4/5/7ml blood tube - 4000rpm/2952xg
R2 - Swing out, 48x5/7ml blood tube- 4000rpm/2952xg
R3 - Swing out, 72x2/3/4/5/7ml - 4000rpm/2808xg
R4 - Swing out, 96x2/3/4/5/7ml - 4000rpm/3104xg
R5 - Swing out, 16x10/15ml - 4000rpm/2957xg
R6 - Swing out, 24x10/15ml - 4000rpm/2957xg
R7 - Swing out, 32x10/15ml - 4000rpm/2952xg
R8 - Swing out, 36x10ml - 4000rpm/2862xg
R9 - Swing out, 4x50ml - 5200rpm/5290xg
R10 - Swing out, 8x50ml - 4000rpm/2952xg
R11 - Swing out, 4x100ml - 5200rpm/5290xg
R12 - Swing out, 8x100ml - 4000rpm/3077xg
R13 - Swing out, 4x250ml (▲) - 4000rpm/3578xg
R14 - Swing out, 4x250ml flat bottom - 4000rpm/2780xg
R15 - Swing out, 4x250ml biosafety - 4000rpm/3041xg
R16 - Swing out, 4x300ml - 4000rpm/3220xg

R17 - Swing out, 4x500ml flat bottom- 4000rpm/3130xg
R18 - Swing out, 4x500ml biosafety- 4000rpm/3399xg
R19 - Swing rotor Auto Uncup, 48x2/3/4/5/7ml vacuum blood tube- 4000rpm/3220xg
R20 - Swing out microplate, 2x2x96well - 4000rpm/2361xg
R21 - Swing out PRP, 4x10ml - 4300rpm/3401xg
R22 - Swing out PRP, 4x20ml - 4300rpm/3649xg
R23 - Swing out PRP, 4x50ml - 4000rpm/3309xg
R24 - Angle, 12x20ml - 5000rpm/3516xg
R25 - Angle, 12x15ml - 5000rpm/3354xg
R26 - Angle, 8x15/20ml - 5000rpm/2655xg
R27 - Angle, 24x10ml - 5000rpm/3354xg
R28 - Angle, 18x10ml - 5000rpm/3354xg
R29 - Angle, 12x10ml – 5000rpm/3354xg
R30 - Angle, 12x10/15ml – 6000rpm/5111xg
R31- Angle, 24x10/15ml – 6000rpm/5031xg
R32 - Angle, 6x50ml – 6000rpm/3904xg

# Adapters for LACE6HRC Low Speed Refrigerated Centrifuge

- A1 (for rotor R2) – 2/3/4ml blood collection tube
- A2 (for rotor R5, R6, R7) – 2/3/4ml, 5/7ml, 15ml (▲) blood collection tube
- A3 (for rotor R9, R10) – 50ml (▲), 20ml, 15ml, 10ml, 5ml, 1.5/2ml
- A4 (for rotor R11) – 16x2/3/4ml, 16x5/7ml blood collection tube
- A5 (for rotor R12) – 32x2/3/4ml, 32x5/7ml blood collection tube
- A6 (for rotor R14, R15) – 48x1.5/2ml, 40x2/3/4/5/7ml, 48x2/3/4/5/7ml, 24x10ml (▲), 28x10ml, 20x15ml, 4x50ml (▲), 8x50ml (●), 4x100ml
- A7 (for rotor R17, R18) – 48x2/3/4/5/7ml, 64x2/3/4/5/7ml, 36x10ml (●), 36x10ml (▲), 36x15ml (●), 36x15ml (▲), 12x50ml (●), 12x50ml (▲), 16x50ml (●), 16x50ml (▲), 48x15ml (▲), 4x250ml, 32x15ml (▲), 48x10ml (●)
- A8 (for rotor R24) – 15ml, 10ml, 5ml, 1.5ml vacuum blood collection tube
- A9 (for rotor R25, R26) – 1.5/2ml, 2/3/4ml vacuum blood collection tube
- A10 (for rotor R27, R28, R29)– 1.5ml, 2/3/4ml vacuum blood collection tube
- A11 (for rotor R30, R31)– 2/3/4ml, 5/7ml blood collection tube, 15ml (▲)
- A12 (for rotor R32) – 50ml (▲), 20ml, 15ml, 10ml, 5ml, 1.5ml

(▲) – sharp-bottom tube  
(●) – round-bottom tube