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Thermo Scientific Sorvall LYNX 6000 Superspeed Centrifuge, Floor Model - from 2022





Many rotors available.

Rating: Not Rated Yet
Price
Sales price $22,500.00

Ask a question about this product

ManufacturerThermo

Description

Made in 2022.

Many rotors available.

The Thermo Scientific Sorvall LYNX 6000 (also branded as Sorval LYNX 6000 Superspeed Centrifuge, with the floor-model design, wide rotor chamber opening, and 2022 manufacture date label) is a high-performance, refrigerated floor-standing superspeed centrifuge designed for demanding, high-throughput applications in research, bioprocessing, and production labs. It handles large-volume separations like cell harvesting, protein purification, viral particle isolation, and continuous-flow/zonal runs, with a broad rotor portfolio (fixed-angle, swinging-bucket, continuous-flow) for flexibility. Key features include Auto-Lock rotor exchange for quick, secure swaps; Auto-ID instant rotor recognition; touchscreen Centri-Touch interface with multilingual support, rotor calculator, and user programs; Smart Vacuum for energy efficiency; optional HEPA filter for enhanced biosafety; pre-cooling; and Green Mode for reduced power use during idle periods. Your unit (Made in Germany, refrigerant R-449A, max kinetic energy 203 kNm) is a 2022 model with robust construction for reliable, long-term operation.

Select Specifications
Maximum Speed: 29,000 rpm (rotor-dependent; minimum 500 rpm)
Maximum RCF: 100,605 × g (achieved with high-performance rotors like T29-8x50; varies by rotor, e.g., up to ~87,000 × g with A27-8x50)
Maximum Capacity: 6 L (e.g., 6 × 1,000 mL in compatible fixed-angle rotors like F9-6x1000 LEX); swinging-bucket up to 4 L (4 × 1,000 mL), or specialized configs like 24 microplates/40 × 50 mL/96 × 15 mL conical tubes
Temperature Range: -20°C to +40°C (with ±2°C control accuracy; pre-cooling and pre-warming functions)
Run Time / Modes: Up to 99 hours 59 minutes (with hold/continuous mode); supports step-runs (up to 30 profiles with multiple steps), acceleration/deceleration profiles (9 accel, 10 decel + brake-off)
Power Requirements: 200–240 V~, 50/60 Hz, 30 A single-phase (or 380–415 V 3-phase variants; your label notes high kinetic energy 203 kNm and refrigerant R-449A at 1.36 kg charge, GWP 1397)
Dimensions & Weight: Height ~1048 mm (closed)/1531 mm (open), width 700 mm, depth 805 mm; weight ~295–301 kg (without rotor)
Noise Level: <59 dB(A) for fixed-angle rotors, <61 dB(A) for swinging-bucket (at max speed, measured 1 m away)
Other Key Features: High-torque brushless drive; imbalance tolerance up to 5% opposing loads; continuous flow/zonal capability; multilingual interface with user lock-out/logging; optional seismic bolt-down

Comes with our 90-day warranty.

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