

# Setting the P.A.C.E.

Thermo Scientific™ LYNX™ Superspeed Centrifuge Series with GreenCool Technology



## Innovative product features



P

Performance



Up to 100,605 x g



Fiberlite rotor warranty: 15 years



Capacity up to 6L



Thermo Scientific™ Fiberlite™ F9-6x1000 LEX Rotor (LYNX 6000 model) with 6 x 1L Fiberlite bottles

Thermo Scientific™ BIOFlex™ HC Swinging Bucket Rotor with Thermo Scientific™ ClickSeal™ Biocontainment Lids and filled with 4 x 1L BIOBottles

BIOFlex HC rotor with 96 x 15 mL conical tubes

BIOFlex HC rotor with 40 x 50 mL conical tubes

A

Automation & Applications



Auto-ID rotor recognition



Rotor exchange in 3 sec



User access control

## Excellent application flexibility

The extensive rotor portfolio for the LYNX superspeed centrifuge series supports labware from microplates to microtubes, to 1 L bottles — offering applications flexibility for years to come, even as your lab's research focus evolves.

Thermo Scientific™ Rotors are available for a wide range of processing needs:

- Cellular biology
- Diagnostic and clinical research
- Genomics and molecular biology
- Proteomics
- Virus and nanotechnology
- Research and drug discovery
- Bioprocessing



- Whole cells
- RBCs
- Plasmids preps
- Nucleic acid preps
- Large proteins
- Mitochondria
- Large viruses
- Nanoparticles
- Lipoproteins
- Exosomes

C

Compliance



Supports cGMP / 21 CFR Part 11 compliance



ISO Class 6



Bottles with COC for cGMP compliance



Cooling system compliant with F-Gas regulations

E

Energy efficiency



Energy savings with Green Mode



Smart Vacuum removes up to 80% of air



GreenCool Technology uses up to 13% less energy

## Greener by design™



**Less hazardous** - GreenCool Technology leverages CO<sub>2</sub> as refrigerant with a Global Warming Potential of 1\* and 0 Ozone Depleting Potential.



**More energy efficient** - Save up to 13%\*\* of energy compared to previous models. Additional savings with Smart Vacuum function (LYNX 6000) removing up to 80% of the air inside the centrifuge chamber.



**Manufactured in a certified zero-waste facility\*\*\*** using 100% renewable electricity in Osterode am Harz, Germany.

## Models for different needs

### LYNX 4000 centrifuge

Leverage innovative features for precise, reproducible results with enhanced convenience.

- Up to 4L capacity and performance up to 68,905 x g
- Up to 16 rotor options incl. 7 Thermo Scientific Fiberlite Carbon Fiber Rotors
- Multiple features for user convenience, ergonomics and safety
- This model meets your core laboratory needs while offering the flexibility for expanding applications



### LYNX 6000 centrifuge

Maximize the volume and speed capabilities of the LYNX platform for a broader range of applications.

- Up to 6L capacity and performance up to 100,605 x g
- Up to 19 rotor options incl. 8 Fiberlite Carbon Fiber Rotors and 1 Continuous Flow and 1 Zonal Rotor
- Same technologies as LYNX 4000 model plus Smart Vacuum technology and optional HEPA filter
- Excellent for diverse and advanced research and bioproduction applications



\* Due to natural refrigerant (CO<sub>2</sub>)  
 \*\* Energy use measured for a 1-hour run at maximum speed and compared to previous model. New LYNX model: 4200W vs Previous Sorvall LYNX model: 4800W  
 \*\*\* Zero waste defined as less than 10% of non-hazardous waste sent to landfill, incineration or waste-to-energy

Learn more at [thermofisher.com/lynx](https://thermofisher.com/lynx)

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