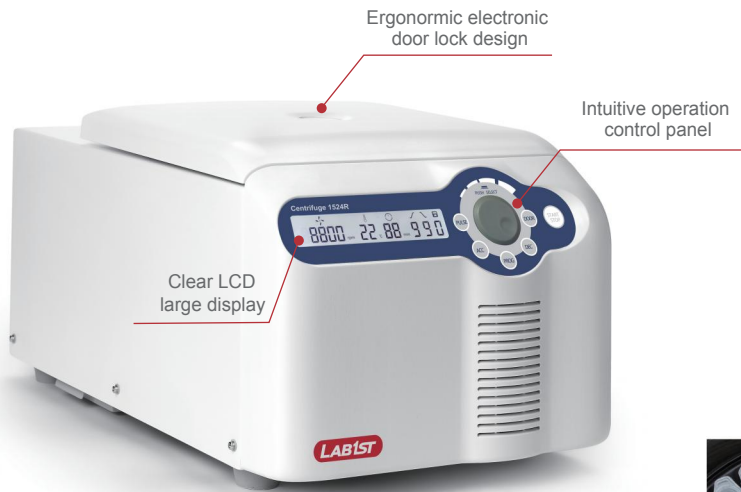


# Centrifuge 1524R

## High-speed Refrigerated Micro Centrifuge

## Applications

Ideal for centrifugation of temperature sensitive samples, such as live cells, animals or proteins. It allows them to be used in a multitude of applications, including pelleting of DNA and RNA samples, pelleting of PCR amplified nucleic acids, separation of antibody and protein precipitates, performing enzymatic tests, removing cell debris from cell homogenates, and achieving bacterial and yeast cell fractionation.



## Features

- Electronic Magnetic door locking system - the lid can be closed with one hand soft touch
- Precooling, the compressor automatically starts cooling as long as the set temperature is lower than the ambient temperature
- Sound indicator at the end of running.
- Temperature range -20°C to 40°C
- Short pre-cooling time of only 7minutes from room temperature to 4°C
- Up to 9 program storage capacity
- 3-layer sealed rotors ensure safe centrifugation
- High-strength aluminum alloy rotor can be fully autoclavable at 121°C
- Rotor imbalance detection alarm
- Adjustable acceleration/deceleration at 9 levels allows gentle braking at low speed for better separation
- Five rotors with 0.2mL, 0.5mL, 1.5mL, 2mL and 5mL centrifuge tubes/ PCR tubes capacity
- An external condensation tank prevents water accumulation within centrifuge chamber

Specifications	Centrifuge 1524R
Max. Speed	15,000rpm (200-15,000rpm) in 100rpm increments.
Max. RCF	21,380×g, step: 10×g
Capacity	1.5/2mL×24,0.2/0.5mL×36, PCR-8 strips×4,5mL×12,5mL×18
Temperature setting	-20°C- 40°C
Run Time	30s-99 min; HOLD (continuous running)
Acceleration and deceleration time	25s ↑ 25s ↓
Motor Type	Brushless DC motor
Safety Performance	Dual door lock, over-speed detection, over-temperature detection with Internal diagnosis system.
Power Requirements	Single-phase, 100-120V/200-240V, 50Hz/60Hz,500W
Noise	≤56dB
Dimensions[WxDxH]	332 × 553 × 283mm
Weight	30kg
Certification	CE cTÜVus FCC
Other functions	Rotation speed/RCF switchover, inching operation, running processindicator, sound alert. Adjustable acceleration/deceleration at 9 levels program storage capacity.


## Available rotors

<b>AS24-2</b>	Cat. No.919003
<p><b>for Centrifuge 3024 &amp; Centrifuge1524R</b>                  Max. speed: 15000rpm                  Max. RCF: 21380×g                  Rotor capacity:                  2mL/1.5mL×24/0.2mL×24/0.5mL×24                  Rotor material: Aluminum alloy                  Biosealing: Yes                  Available rotor adapters: A02P2,A05P2</p>	
	


<b>AS18-5</b> (round bottom)	Cat. No.919001
<p><b>for Centrifuge 3024 &amp; Centrifuge1524R</b>                  Max. speed :15000rpm                  Max. RCF:21380×g                  Rotor capacity:5mL×18 ( Round bottom )                  Rotor material:Aluminum alloy                  Biosealing:Yes</p>	
	

<b>AS12-5V</b> (cone bottom)	Cat. No.919002
<p><b>for Centrifuge 3024 &amp; Centrifuge1524R</b>                  Max. speed: 15000rpm                  Max. RCF: 21380×g                  Rotor capacity: 5mL×12(Cone bottom)                  Rotor material: Aluminum alloy                  Biosealing: Yes</p>	
	


## Available adapters

<b>A02P2</b>	Cat. No.919006
<p>0.2mL rotor adapter                  Used with A12-2, A12-2P, AS24-2 and A24-2P rotors 24pcs/pk</p>	
	

<b>AS36-05</b>	Cat. No.919004
<p><b>for Centrifuge 3024 &amp; Centrifuge1524R</b>                  Max. speed: 15000rpm                  Max. RCF: 21380×g                  Rotor capacity: 0.5mL×36,0.2mL×36                  Rotor material: Aluminum alloy                  Biosealing: Yes                  Available rotor adapters: A02P05</p>	
	

<b>A05P2</b>	Cat. No.919007
<p>0.5mL rotor adapter                  Used with A12-2, A12-2P, AS24-2 and A24-2P rotors 24pcs/pk</p>	
	

<b>AS4-PCR8</b>	Cat. No.919005
<p><b>for Centrifuge 3024 &amp; Centrifuge1524R</b>                  Max. speed: 15000rpm                  Max. RCF: 21380×g                  Rotor capacity:0.2mL/PCR8×4                  Rotor material: Aluminum alloy                  Biosealing: Yes</p>	
	

<b>A02P05</b>	Cat. No.919008
<p>0.2mL rotor adapter                  Used with AS36-05 rotor 3 6pcs/pk</p>	
	

Centrifuge is used to separate liquid and solid particles or components in a liquid mixture. Centrifuge series includes palm micro centrifuges, high-speed centrifuges (refrigerated and non-refrigerated), hematocrit centrifuges and low speed centrifuges.

**List of models:**

Series	Image	Model	Display	Max. speed(RCF)	Rotor Capacity
<b>Palm Micro Centrifuge</b>		Centrifuge 1008	-	7000rpm (2680×g)	8×0.2/0.5/1.5/2mL 0.2mL×32PCR tubes 0.2mL×4PCR8-strips
<b>High speed Mini Centrifuge</b>		Centrifuge 2012	LCD	15000rpm (15100×g)	12×0.2/0.5/1.5/2mL
<b>High speed Refrigerated Micro Centrifuge</b>		Centrifuge 1524R	LCD	15000rpm (21380×g)	24×0.2/0.5/1.5/2mL 36×0.5mL 4×PCR-8 strips 12×5mL (cone bottom) 18×5mL (round bottom)
<b>High speed Micro Centrifuge</b>		Centrifuge 3024	LCD	15000rpm (21380×g)	
<b>Hematocrit Centrifuge</b>		Centrifuge 1424	LCD	12000 rpm (13680×g)	24×capillary tubes
		Centrifuge 1224	LCD	12000 rpm (13680×g)	24×capillary tubes
<b>Low-speed Centrifuge</b>		Centrifuge 0412	LCD	4500rpm (2490×g)	8×15mL 12×1.5-5/7/10mL
<b>Multi-Purpose low Speed Centrifuge</b>		Centrifuge 0424	LCD	4000rpm (2500×g)	Angel: 8×15mL Angel: 12×1.5-5/7/10mL Angel: 24×15mL Swing: 6×15mL Swing: 4×50mL
		Centrifuge 0408	LED	4000rpm (1900×g)	Angel: 8×15mL Angel: 12×1.5-5/7/10mL
<b>Low-speed Centrifuge</b>		Centrifuge 0506	LCD	5000rpm (2600×g)	6×1.5-5/7/10/15mL
<b>Multi-Purpose Low-speed Centrifuge</b>		Centrifuge 0636	LCD	6000rpm (4100×g)	60×2mL 18×5mL 30×15mL 8×50mL 12×PCR-8 strips 4×Deep Well Plates 8×PCR Microplate or ELISA Microplate