

**NEW  
PRODUCT**



## **MiniSpin 32R/24V**

The MiniSpin 32R (refrigerated) and MiniSpin 24V (ventilated) minicentrifuges are precision instruments crafted for high-speed performance in molecular biology, clinical diagnostics, and research labs. Designed to accommodate microliter tubes and PCR kits, these compact systems combine robust engineering with intuitive digital control for superior separation results.

## Features :

- High Capacity & Heavy-Duty Machines: Engineered to handle up to 80 mL with rotor configurations supporting 10 × 8 mL tubes
- High RPM & RCF Output: These centrifuges support high rotational speeds and relative centrifugal force (RCF), enabling effective separation of even the most challenging sample types.
- Available with refrigeration option.
- Refrigerated model uses eco-friendly, CFC-free R-134a refrigerant.
- Automatic rotor recognition ensures accurate RCF calculation and safe operation.
- Salient Features: Emergency Lid Opening, Rotor Cycle Counting, Solid Counter-Balanced Hinges, Imbalance Detection, Motor Overload Protection, Stainless Steel Chamber with Guard Ring, Error Detection System
- Intuitive user interface with bright digital display
- Features programmable timer up to 99 hours, 59 minutes, and 59 seconds
- Store up to 99 user-defined protocols for fast setup and repeatability of routine applications.
- Low operating noise levels.
- Features Brushless Induction Motor
- Multiple Acceleration & Braking Profiles Options
- Supports multiple rotors (Not included)
- CE Certified

## Technical Specifications

Specification	MiniSpin 32R	MiniSpin 24V
Catalogue No.	MNS-32R	MNS-24V
Type	Refrigerated	Ventilated
Max. Capacity	80mL (10x8mL)	80mL (10x8mL)
Max. Speed	20,000 RPM	17,500 RPM
Max. RCF	32,198 × g	24,651 × g
Acceleration/Braking Time	15s / 15 s	15s / 15 s
Noise Level	<58 dB A	<58 dB A
Temperature Range	-10 °C to +40 °C	Ambient to +40 °C
Refrigerant	R134a (CFC Free)	Not Applicable
Dimensions (H × W × D)	585 × 511 × 337 mm	350 × 350 × 420 mm
Height with Lid Open	690 mm	690 mm
Weight (without rotor)	65 kg	40 kg
Power Consumption	750 W	500 W
Input Power	220-230 V AC, 50-60 Hz	220-230 V AC, 50-60 Hz

## Rotors

Part No.	Description	Rotor Angle	RPM Ref.	RCF Ref.	RPM Non -Ref	RCF Non -Ref
A30-20x5	20 x 5 mL	30°	16000	20035 x g	14000	15339 x g
A24-10x8	10 x 8 mL	24°	16000	22324 x g	16000	22324 x g
A26-24x1.5	24 x 1.5 mL	26°	20000	32198 x g	17500	24651 x g
AL34-24x1.5	24 x 1.5 mL	34°	17500	24651 x g	15000	21381 x g
A45-32x0.2	32 x 0.2 mL PCR	45°	15000	15345 x g	15000	15345 x g

\*A-Angle Rotor, AL – Angle Rotor with Lid, SW - Swing Out Rotor

\*Rotors are available in pack of 1