

High-Speed Centrifuge - Microspin-12

Description

The Microspin-12 is a compact, high-speed centrifuge for biochemistry laboratories.

The centrifuge's brushless motor ensures both quiet operation at maximum speed and a long service life. The angle rotor is designed to accommodate twelve Eppendorf microtubes and spin columns. The rotor is made of aluminum, features a locking lid, and is included as standard with the centrifuge. A constant airflow around the rotor reduces the risk of sample overheating during operation.

Safety features:

- Metal protective inserts in the housing and lid
- Automatic imbalance shutdown
- Closure with lid

The external power supply allows the Microspin-12 to be operated in cold rooms (at room temperatures from +4°C to +40°C).

Included in delivery:

MSR-12 rotor for 12 x 1.5/2 ml tubes

Applications

- Extracting RNA/DNA samples
- Sedimentation of biological components
- Biochemical and chemical analysis of microsamples

Display

A display simultaneously shows actual and set values for:

- Centrifugation time
- Set and actual speed values
- Relative centrifugal force



Microspin 12

Optional Accessories

Adapter	Description
A-02 	Set of 12 pieces for 0.2 ml microtubes
A-05 	Set of 12 pieces for 0.5 ml microtubes
MSL-SC 	Spin Column Protector Higher rotor lid to accommodate spin columns

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Technical Data

Speed control range	1.000 – 14.500 rpm (increment 100 rpm)
Relative centrifugal force control range	50 – 12.400 × g
Digital time setting	15 s – 30 min (increment 15 s – 1 rpm)
Timer sound signal	Yes
Acceleration time up to 14.500 rpm	20 s
Slowdown time, not more	10 s
Display	LCD, 2 line
Safety: Rotor imbalance diagnostics: automatic stop, "IMBALANCE" warning	Yes
Overall dimensions (W × D × H)	200 x 240 x 125 mm
Weight	3.5 kg
Input current/power consumption	24 V, 2.5 A / 60 W
External power supply	Input AC 100-240 V 50/60 Hz, Output DC 24 V
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