

High-speed Mini-centrifuge **Microspin 12**



Basic Plus
Product Class



Product video is available on the website



Protection lid



1 A-02 Adapters



2 A-05 Adapters



High-speed Mini-centrifuge **Microspin 12** is a compact desktop centrifuge designed for biomedical laboratories.

Microspin 12 is used for extraction of RNA/DNA samples, sedimentation of biological components, biochemical and chemical analysis of microsamples.

A display simultaneously shows actual and set values for:

1. Centrifugation time;
2. Set and actual speed values;
3. Relative centrifugal force.

A brushless rotor provides noiseless performance at the maximal speed and long service life. An angular rotor is designed for accommodation of 12 Eppendorf microtubes and spin columns. The rotor is made of aluminium, it is equipped with fixing lid and included in the standard specification of the centrifuge. Constant airflow around the rotor reduces risk of samples overheating during operation.

Metal protective inserts inside the casing and lid, automatic imbalance switch-off and locking of a lid provide safe operation. Completion of centrifugation is indicated by a sound signal.

The external power supply unit allows operation of **Microspin 12** in cold rooms (at ambient temperatures from +4°C to +40°C).

Speed control range	1000–14,500 rpm (100 rpm increment)
Relative centrifugal force control range	50–12,400×g
Digital time setting	15 sec – 30 min
Time setting resolution	1 min – 15 sec; after 1 min – 1 min
Acceleration time up to 14,500 rpm	20 sec
Slowdown time, not more	10 sec
Display	LCD, 2 line
Safety: Rotor imbalance diagnostics: automatic stop, "IMBALANCE" warning	
Overall dimensions (W×D×H)	200 × 240 × 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

ORDERING INFORMATION:

Cat. number

Microspin 12 BS-010213-AA1

Built-in rotor MSR-12 (12 places for microtubes 1.5/2 ml)
with protection lid MSL-SC and adapters A-02, A-05

Additional/replacement parts:

MSL-SC, protection lid for rotors BS-010213-EK

1 A-02, 12 pieces for microtubes 0.2 ml BS-010213-AK

2 A-05, 12 pieces for microtubes 0.5 ml BS-010213-BK