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Medical-Biological Research & Technologies

Microspin 12, High-speed Mini-centrifuge

Basic Plus Product Class

DESCRIPTION



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

Microspin 12 is used for extracting 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 motor 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).

Standard set:

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

	12 places for microtubes 1.5/2 ml
A-02 adapter	12 pieces for microtubes 0.2 ml
A-05 adapter	12 pieces for microtubes 0.5 ml

CAT. NUMBER

Including MSL-SC lid, adapters A-02, A-05	Including MSL-SC lid, adapters A-02, A-05
BS-010213-AA1	230VAC 50/60Hz Euro plug
BS-010213-AAQ	230VAC 50/60Hz UK plug
BS-010213-AA4	230VAC 50/60Hz AU plug
BS-010213-AA2	100VAC 50/60Hz US plug, 120VAC 60Hz US plug
BS-010213-DK	IQ OQ document
BS-010213-CK	PQ document

SPECIFICATIONS

Speed control range	1000 - 14500 rpm (increment 100 rpm)
Relative centrifugal force control range	50–12,400 × g
Digital time setting	15 s – 30 min (increment 15 s - 1 min)
Timer sound signal	+
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	+
Overall dimensions (W×D×H)	200x240x125 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

ACCESSORIES



A-02
BS-010213-BK
adapter

Adapter 12 pieces for microtubes 0.2 ml



A-05
BS-010213-AK
adapter

Adapter 12 pieces for microtubes 0.5 ml



MSL-SC
BS-010213-EK
protection lid

Higher rotor lid to accommodate spin columns