

Microspin 12 Plus, High-speed Mini-centrifuge

DESCRIPTION

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

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

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 Plus** in cold rooms (at ambient temperatures from +4°C to +40°C).

Standard set:

Rotor **MSR-12** (12 places for microtubes 1.5/2 ml, spin columns) with protection lid **MSL-12** and adapters A-02, A-05

A-02 adapter 12 pieces for microtubes 0.2 ml

A-05 adapter 12 pieces for microtubes 0.5 ml

SPECIFICATIONS

| | |
|---|---|
| Speed control range | 1000 - 16250 rpm (increment 100 rpm) |
| Relative centrifugal force control range | 53 – 15 588 × g |
| Digital time setting | 15 s – 90 min (increment 15 s - 1 min) |
| Timer sound signal | + |
| Rotor imbalance diagnostics (automatic stop, "IMBALANCE" warning) | + |
| Quick spin button | + |
| Acceleration time up to 16,250 rpm | 24 s |
| Slowdown time, not more | 10 s |
| Display | LCD, 2 x 16 signs |
| 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 |



CAT. NUMBER

| Including MSL-SC lid, adapters A-02, A-05 | Including MSL-SC lid, adapters A-02, A-05 |
|---|---|
| BS-010218-AA1 | 230VAC 50/60Hz Euro plug |
| BS-010218-AA2 | 230VAC 50/60Hz UK plug |
| BS-010218-AA3 | 230VAC 50/60Hz AU plug |
| BS-010218-AA4 | 100VAC 50/60Hz US plug, 120VAC 60Hz US plug |

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



MSR-16
BS-010218-AK

Rotor for two 8 x 0.2 ml
PCR strip rows or 16
individual 0.2 ml PCR
tubes.