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MSC-3000, Minicentrifuge-Vortex Multi-Spin

Premium Product Class

DESCRIPTION

Minicentrifuge-Vortex Multi–Spin **MSC-3000** is product of many years evolution of Spin–Mix–Spin technology that is intended for collecting micro volumes of reagents on the microtube's bottom (first centrifugation spin), following mixing (mix) and collecting the reagents again from the walls and cap of the microtube (second spin). We named this repetitive algorithm of operation that is aimed at reducing the mistakes during sample preparation for PCR analysis a "sms–algorithm".

Multi–Spin is a fully automatic device for reproducing sms–algorithm for 12 tubes at one time, thus saving time considerably. A must-have instrument for PCR and DNA analyses laboratory.

Multi Spin is four devices combined in one:

1. Centrifuge — Maximum RCF: up to 800 × g
2. Vortex (3 mixing modes — soft, medium, hard; regulated time; Vortexing regulation timer 1–20 sec)
3. Centrifuge/Vortex;
4. SMS–cycler for realization of the "sms–algorithm".

Table to the right compares FVL-2400N,**MSC-3000** and MSC-6000

Multi–Spin allows considerable time saving compared to Combi–Spin by automatically performing cycling program of sample mixing and spinning according to the set spin–mix–spin cycle for 12 microtubes simultaneously.



SPECIFICATIONS

Speed control range	1000–3500 rpm (increment 100 rpm)
RCF max.	800 x g
Spin timer	1 s – 99 min
Vortexing intensity	Soft, medium, hard
Vortexing time	0–20 s (increment 1 s)
SMS-cycle regulation	1 - 999 cycles
Timer sound signal	+
Display	LCD, 2 x 16 signs
Safety	Autostop at open lid
Overall dimensions (W×D×H)	190x235x125 mm
Weight	2.1 kg
Input current/power consumption	12 V, 11 W (0.9 A)
External power supply	Input AC 100–240 V; 50/60 Hz; Output DC 12 V

CAT. NUMBER

Including rotors R-1.5, R-0.5/0.2	Including rotors R-1.5, R-0.5/0.2
BS-010205-AAN	230VAC 50/60Hz Euro plug
BS-010205-AAK	100-240VAC 50/60Hz Multi plug (EU, UK, AU, US)
BS-010205-EK	IQ OQ document
BS-010205-GK	PQ document

ACCESSORIES



R-0.5/0.2
BS-010205-BK
rotor

Rotor for 12 x 0.5 ml and 12 x 0.2 ml microtest tubes



R-1.5
BS-010205-AK
rotor

Rotor for 12 x 1.5/2 ml microtest tubes



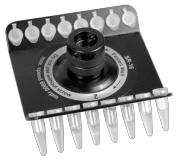
R-2/0.5
BS-010205-CK
rotor

Rotor for 8 x 2/1.5 ml and 8 x 0.5 ml microtest tubes



R-2/0.5/0.2
BS-010205-DK
rotor

Rotor for 6x2/1.5 ml + 6x0.5 ml + 6x0.2 ml microtest tubes



SR-16
BS-010202-AK
rotor

Rotor for 2 x 8-section 0,2 ml microtube strips



SR-32
BS-010205-FK
rotor

Rotor for 4 x 8-section 0,2 ml microtube strips
* not compatible with Combi-Spins produced before 2015