

MZ009-6000, Centrifuge/Vortex Multispin

DESCRIPTION

Centrifuge/vortex Multi-Spin **MZ009-6000** 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 2350 × g
2. Vortex (3 mixing modes — soft, medium, hard; regulated time; Vortexing regulation timer 1–20 s)
3. Centrifuge/Vortex
4. SMS-cycler for realization of the "sms-algorithm".

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



Speed control range	1000–6000 rpm (increment 100 rpm)
RCF max.	2350 x g
Spin timer	1 s - 30 min
Vortexing intensity	Soft, medium, hard
Vortexing time	0–20 s (increment 1 s)
SMS-cycle regulation	1 - 999 cycles
Display	LCD, 2 x 16 signs
Safety	Lid lock
Overall dimensions (W×D×H)	190x235x125 mm
Weight	2.5 kg
Input current/power consumption	24 V, 24 W (1 A)
External power supply	Input AC 100-240 V; 50/60 Hz; Output DC 24 V