

CVP-2, Centrifuge/Vortex for PCR plates and Microtubes

After many years of Combined Centrifuge/Vortex concept success, we are proud to introduce the long awaited Centrifuge/Vortex for PCR plates, **CVP-2**, to the sample preparation market. Although the main use of the **CVP-2** would be PCR plates — the application range is not limited to them: with the addition of different custom rotors any types of microtubes can be used.

The Spin-Mix-Spin technology is intended to spin-down micro volumes of reagents on the well's bottom (first centrifugation spin), following mixing (mix) and spin-down the reagents again from the walls and cap of the well (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". This algorithm is registered by BioSan.

CVP-2 is a fully automatic device for reproducing sms-algorithm for 2 PCR plates at the same time, thus saving time considerably. A must-have instrument for PCR and DNA analyses laboratory.

CVP-2 is 4 devices combined in 1:

1. Centrifuge — Maximum RCF: $500 \times g$ (2500 rpm)
2. Vortex (300–1,500 rpm; Vortexing regulation timer 0–60 sec)
3. Centrifuge/Vortex
4. SMS-cycler for realization of the "sms-algorithm"

Specifications:

Speed regulation range in centrifuge mode	300–2,500 rpm ($500 \times g$)
Speed and vortex regulation range in centrifuge–vortex mode	300–1,500 rpm ($200 \times g$)
Setting resolution	100 rpm
Display	LCD, 64×128 pixels
Digital time setting for centrifuge	0–30 min (increment 1 sec ... 1 min)
Digital time setting for vortex	0–60 sec (increment 1 sec)
Number of cycles	1–999
Chamber diameter	210 mm
Overall dimensions (W×D×H)	285 × 350 × 190 mm
Weight	6.15 kg
Input current/power consumption	24 V, 1 A / 24 W
External power supply	Input AC 100–240 V 50/60 Hz, Output DC 24 V

Special rotors can be ordered on request

For catalogue numbers and updates check the website: www.biosan.lv

New!



Custom rotor for microtubes

