

CVP-2, Centrifuge vortex for PCR plates

DESCRIPTION

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.

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: 245 × g (1,500 rpm)
2. Vortex (300–1,200 rpm; Vortexing regulation timer 0–60 sec)
3. Centrifuge vortex
4. SMS-cycler for realization of the "sms-algorithm"

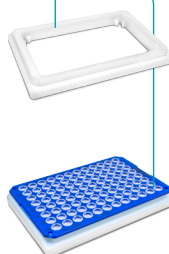
SPECIFICATIONS

Speed regulation range	300–1,500 rpm
Max. RCF	245 × g
Vortex regulation range	300–1,200 rpm
Setting resolution	100 rpm
Plate type:	
• Without adapter:	96-well skirted PCR plates, PCR strips in a frame;
• With adapter AP-96 :	96-well semi-skirted and non-skirted PCR plates;
• With adapter AP-384 :	384-well PCR plates;
Display	LCD, 64 × 128 pixels
Centrifugation mode time range	0–30 min
Centrifugation mode time increment	1 s; after 1 min – 1 min
Vortex mode time range	0–60 sec
Number of programmable cycles	1–999
Chamber diameter	210 mm
Overall dimensions (W × D × H)	285 × 350 × 190 mm
Weight	6.15 kg
Input current/power consumption	24V, 750 mA/18 W
External power supply	Input AC 100–240 V 50/60 Hz; Output DC 24 V



Product video is available on the website

Adapter AP-96 for 96-well semi-skirted and unskirted PCR plates



Adapter AP-384 for 384-well PCR plates



ORDERING INFORMATION:

Cat. number

CVP-2

BS-010219-A02

With rotor for two PCR plates, protection lid and adapters AP-96* (a set of 2 adapters for 96-well semi-skirted and unskirted PCR plates)

Optional accessories:

AP-384*

BS-010219-EK

A set of 2 adapters for 384-well PCR plates

* — Adapters are made of Ertacetel® C and are autoclavable