

# CPS-20, CO<sub>2</sub> Shaker

## DESCRIPTION

CO<sub>2</sub> Shaker CPS-20 provides regulated orbital motion of the platform and is designed for use in Biosan's [S-Bt](#) CO<sub>2</sub> Incubator. CPS-20 is specifically designed for use in harsh environments such as CO<sub>2</sub> and humidity and provides reproducible results for cell culture growth. A choice of 5 interchangeable platforms provide the possibility of performing various procedures and techniques in various cultivation vessels.

CPS-20 incorporates a brushless motor with a guaranteed service life up to 35,000 hours. The unit is equipped with a triple eccentric mechanism for platform motion that provides supreme balancing characteristics, superior reliability and quiet operation. The specially designed remote controller protect the electronics from a CO<sub>2</sub> incubator environment, as well as, the remote control minimizes interference with the incubator environment and the ongoing experiment.



## SPECIFICATIONS

Speed control range	50 - 250* RPM (increment 10 rpm) *max. speed depends on the load and vessels' shape
Digital time setting	1 min–96 hrs / non–stop
Digital speed control	+
Maximum continuous operation time	168 hr
Orbit	20 mm
Maximum load	3 kg
Overall dimensions (W×D×H)	255x255x100 mm
Weight	3.4 kg
Input current/power consumption	12 V, 470 mA / 5.7 W
External power supply	Input AC 100–240 V; 50/60 Hz; Output DC 12 V

## CAT. NUMBER

Without platform	Without platform
BS-010172-A01	230VAC 50/60Hz Euro plug
BS-010172-A02	100-230VAC 50/60Hz Multi plug



**UP-12**  
BS-010108-AK  
platform

Universal platform with adjustable bars for different types of flasks, bottles, and beakers with silicone mat.



**Bio PP-4**  
BS-010116-AK  
platform

Flat platform with non-slip silicone mat for Petri dishes, culture flasks, agglutination.



**P-12/100**  
BS-010108-EK  
platform

Platform with clamps for flasks.



**P-6/250**  
BS-010108-DK  
platform

Platform with clamps for flasks.



**P-16/88**  
BS-010116-BK  
platform

Platform with spring holders for up to 88 tubes up to 30 mm diameter (e. g. 10 ml, 15 ml, 50 ml tubes).



**HB-200**  
BS-010108-FK

Additional holding bar for UP-12

**RS2**  
BS-010425-HK  
rack for CPS-20 installation  
  
Rack for CPS-20 installation



**S-Bt Smart Biotherm**  
Software included + RS6, rack with 3 shelves  
Compact CO<sub>2</sub> Incubator

S-Bt Smart Biotherm is designed for work in the areas of cell biology (operations with animal cell cultures and tissues), molecular biology (DNA/RNA reaction analysis, hybridization reactions), biotechnology (synthesis of ...

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