

CPS-20, CO₂ Shaker

DESCRIPTION

CO₂ Shaker **CPS-20** provides regulated orbital motion of the platform and is designed for use specifically in CO₂ incubators. CPS-20 is specifically designed for use in harsh environments such as CO₂ and humidity and provides reproducible results for cell culture growth. A choice of 5 interchangeable platforms provides the possibility of performing various procedures and techniques in various cultivation vessels. The specially designed remote controller allows for protection of electronics from CO₂ incubator environment, as well as, does not interfere with the experiment.

Shaker 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. Typical applications include eukaryotic cells cultivation.



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 (increment 1 min)
Digital speed control	+
Maximum continuous operation time	168 h
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	100-240VAC 50/60Hz Multi plug (EU, UK, AU, US)



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 / CTR-6
installation

Rack for CPS-20 / CTR-6
installation



S-Bt Smart Biotherm
Software included + RS6, rack
with 3 shelves
Compact CO₂ 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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