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CPS-20, CO_2 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)

ACCESSORIES

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_2 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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