

CPS-20, CO₂ Shaker

DESCRIPTION

CO₂ Shaker CCPPSS--2200 provides regulated orbital motion of the platform and is designed for use in Biosan's S-Bt CO₂ Incubator. 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 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 CO₂ 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 (WxDxH)	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



CPS-20, CO ₂ Shaker, Without Platform	BS-010172-A02
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Optional Accessories:

UP-12 Universal platform	BS-010108-AK
HB-200, Additional holding bar for UP-12	BS-010108-FK
Bio PP-4 Flat platform with non-slip silicon mat	BS-010106-AK
P-12/100 Platform for 100-150 ml flasks (12 places)	BS-010108-EK
P-6/250 Platform for 250-300 ml flasks (6 places)	BS-010108-DK
P-16/88 Platform with spring holders for up to 88 tubes, 16mm diameter	BS-010116-BK

