

CPS-20, CO₂ Shaker

DESCRIPTION

Grant **CPS-20** CO₂ Shaker 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.

CPS-20 incorporates a brush-less 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
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

ACCESSORIES



PUP-12

Platform universal flat-bed 3 adjustable bars to hold flasks, beakers, bottles 270 x 195 x 40mm, with silicone mat.



BIO-PP-4

Platform flat non-slip mat 230 x 230mm



P12-100

Platform with spring clamps for 12 x 100-150ml flasks



P6-250

Platform with spring clamps for 6 x 250-300ml flasks



P16-88

Platform with spring holders for 88 tubes up to 30mm



HB-200

Additional holding bar for UP-12



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The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

www.wolflabs.co.uk

Tel : 01759 301142

Fax : 01759 301143

sales@wolflabs.co.uk

Please contact us if this literature doesn't answer all your questions.