



Product Information **Mini CO₂ Incubator/Shaker**

Product information for BCM3501:

Introduction

Ideal for the culturing cells, the CO₂ Mini Incu-Shaker combines a precision CO₂ incubation chamber with an integral orbital shaker, providing the optimum conditions for suspension cell culture. A beltless motor drive provides a horizontally circular shaking motion at a consistent 19mm orbit. The included platform can be used for low speed shaking of a variety of laboratory vessels, including Erlenmeyer flasks, culture plates and media bottles. 2 year warranty.



Features:

- Heated door prevents condensation from forming over the glass, improving sample visualization
- Six-sided heating system and low-speed internal fan ensure uniform internal environment, completely isolated from external environment
- Fan can be disabled for applications solely requiring gravity convection
- Non-slip rubber mat is included for shaker platform
- A static, removable stainless steel upper shelf is included to allow for shaking of suspending cells while simultaneously incubating adherent cells. Shelf can be removed if tall vessels are being used on shaker platform.
- Advanced monitoring systems, including an alarm that will sound to alert user if conditions should deviate from settings

Maximum Capacity Chart

50ml Flasks	125ml Flasks	250ml Flasks	500ml Flasks	1000ml Flasks	Micro-plates	15ml Tubes	50ml Tubes
20	12	8	5	4	4	64	30

Ordering Information

Product Code	Description
BCM3501	Mini CO ₂ Incubator/Shaker with non slip rubber mat, 115V



Technical Data:

Temperature Range	Ambient +5 to 60°C	Speed Range	30 to 300 rpm
Temperature Accuracy	±0.5°C*	Speed Increment	1 rpm
Temperature Uniformity	±0.5°C*	Mixing Orbit	19mm (3/4 in.)
Temperature Increment	0.1°C	CO₂ Range	0 to 20%
Temperature Stability	0.1°C*	CO₂ Increment	0.1%
Time Range	1 min. to 48 hours (or continuous)	CO₂ Accuracy	±0.1%
Platform Dimensions	9.5 x 11.5 in. (23.5 x 29 cm)	CO₂ Sensor	Dual Beam IR
Chamber Dimensions	13.2 x 10.25 x 15.4 inches 33.5 x 26 x 39.2 cm	Exterior Dimensions	16.5 x 18.3 x 21.8 inches 42 x 46.5 x 55.3 cm
Chamber Volume	46L	Weight	90lbs/40.1kg
Chamber Material	Stainless Steel	Electrical	115V, 50-60Hz, (350W)
Warranty	2 years		

* At a set temperature of 37.0°C