



PRODUCT BROCHURE · BENCHMARK SCIENTIFIC

BT4500 (OrbiShaker CO₂ MP) Brochure

2 models inside · Mixing & Agitation · Orbital Shakers



QUICK VIEW — SERIES AT A GLANCE

2 models in this document from Benchmark Scientific. Full specifications inside.

MODELS IN THIS DOCUMENT

BT4500 · BT4500-E

SHIP WEIGHT

25 lb

VOLTAGE

115 V or 230 V, 50–60 Hz (discrete variants)

SOURCING

Authorized U.S. distributor

Distributed by Legacy Lab Supplies

legacylabsupplies.com · (855) 746-7557 / 855-SHOP-LLS · quotes in 24 hours



ORBi-SHAKER™ CO₂

All Environment Shaker

Microplate Model (3mm Orbit)



- + Designed for use in CO₂ Incubators and other extreme environments
- + Remote control, adjust settings without exposing chamber
- + Compact, 3mm orbit for thorough mixing of well plates
- + Includes 6 position microplate platform

The new Orbi-Shaker CO₂-MP is designed for thorough, mixing of microplates in extreme environments, including CO₂ incubators. It can withstand temperatures from 0 to 65°C and humidity levels up to 100%.

To avoid contamination, unintentional release of gas or deviations from protocol, both speed and time are set via the included remote control module. The remote controller can magnetically mount to the outer walls of the incubator and allows the user to set and adjust the shaker settings without opening the chamber door(s).

A 6 position microplate platform is included and secures both standard or deep well plates

Technical Data

Speed Range:	200 to 1200 rpm
Speed Increment:	1 rpm
Orbit:	3mm
Max. Capacity:	6 x microplates
Platform Dimensions:	
Included (Microplate):	12 x 13 in. / 33 x 30 cm
Operating Temp.:	0° to 65°C
Max. Humidity:	100%
Weight:	24.5 lbs / 11.1 kg
Dimensions:	
Shaker:	11.8 x 13.5 x 3.5 in. / 30 x 34 x 9 cm
Remote Control:	7.2 x 6.7 x 3.5 in. / 18 x 17 x 9 cm
Cord Length:	60.5 in. / 154 cm
Electrical:	120V OR 230V, 50-60Hz, 600W

Also Available...

ORBi-SHAKER™ CO₂
19mm orbit



Ideal for TC and Erlenmeyer Flasks

Ordering Information

BT4500* Orbi-Shaker CO₂-MP, All Environment Shaker with remote control, includes 6 position microplate platform, 115V

*To order item in 230V, add (-E) to item number.

Benchmark Scientific

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