

# BenchWaver™ Undulating Rocker (3D)



CE

## BENCHWAVER™

- + Undulating, 3-dimensional motion
- + Adjustable speed and tilt
- + Large, 13 inch platform
- + Ideal for staining, washing and general mixing



B3D5000 with B3D5000-STK



B3D5000 with B3D5000-DIMP

The BenchWaver™ combines the basic rocking motion of traditional platform rockers with the circular motion of an orbital shaker. This combination is ideal for generating the optimum 3-dimensional “undulating” motion commonly preferred for molecular biology applications.

The tilt angle is instantly adjustable (no tools or disassembly required) from 0 to 10° and the mixing speed can be adjusted from 5 to 105 rpm, using the large, user-friendly LCD control panel. Combined control of both parameters (tilt and speed) makes the BenchWaver a versatile workhorse that can provide anything from gentle, slow moving waves to a rapid, more vigorous motion. Additionally, time of operation can be selected from 1 minute up to 99 hours or for continuous operation.

The large 13.5 x 13 inch platform is supplied complete with a non-slip, rubber mat. An optional stacking platform is available for users requiring additional mixing capacity. The BenchWaver is a reliable and versatile instrument and can be used in refrigerated or incubated environments from 2° to 60°C.

### Technical Data:

|                         |   |
|-------------------------|---|
| Speed Range:            | <b>Variable, 5 to 105 rpm</b>                       |
| Tilt Angle:             | <b>Variable, 0 to ± 10°</b>                         |
| Platform Size:          | <b>13.5 x 13 in. / 34 x 33 cm</b>                   |
| Load Capacity:          | <b>20 lbs (9kg)</b>                                 |
| Operating Temp. Range:  | <b>+4°C to +60°C</b>                                |
| Dimensions: (W x D x H) | <b>13 x 13.5 x 9.75 in. / 33 x 34 x 24.75 cm</b>    |
| Stacking Clearance:     | <b>4.5 in. / 7.6 cm</b>                             |
| Weight:                 | <b>12 lbs (5.5kg)</b>                               |
| Electrical:             | <b>Universal Voltage: 100 to 240V, 50-60Hz, 50W</b> |
| Warranty:               | <b>2 Years</b>                                      |

### Ordering Information:

| Item No.     | Description:   |
|--------------|--|
| B3D5000*     | BenchWaver with platform and flat mat                                |
| B3D5000-STK  | Optional stacking platform (4.5" clearance) with flat mat (13.5x13") |
| B3D5000-DIMP | Optional dimpled mat (13.5x13")                                      |

\*Includes US plug. For EU plug, please add (-E).



# Orbi-Blotter™ Low Speed Orbital Shaker

## ORBI-BLOTTER™



CE



Optional Stacking Platform (Clearance 3")

- + Gentle orbital motion for gel applications
- + Large 14 x 12 in. work surface
- + Incubator and cold room safe
- + Variable speed control, 3 to 70 rpm

The Orbi-Blotter™ features a gentle orbital motion with speed control down to as little as 3 rpm, making it the ideal orbital choice for low speed applications, such as blotting, washing, staining/destaining, etc. A large 14x12 in. work surface is included along with a non-slip rubber mat for holding trays, dishes, plates and other flat vessels.

An optional stacking platform can be purchased as an accessory, effectively doubling the usable work surface. The maintenance free, brushless motor is capable of loads up to 4kg and is safe for use in cold rooms and incubators.

### Technical Data:

|                         |  |
|-------------------------|--|
| Speed Range:            | <b>Variable, 3 to 70 rpm</b>                 |
| Motion / Orbit:         | <b>Orbital / 19mm</b>                        |
| Load Capacity:          | <b>3 x 2L or 9 lbs (4kg)</b>                 |
| Platform Size:          | <b>14 x 12 in. / 35 x 30 cm</b>              |
| Operating Temp. Range:  | <b>+4°C to +45°C</b>                         |
| Dimensions: (W x D x H) | <b>14 x 12 x 8 in. / 35.5 x 30.5 x 20 cm</b> |
| Stacking Clearance:     | <b>3 in. / 7.6 cm</b>                        |
| Weight:                 | <b>7.5 lbs (3.4kg)</b>                       |
| Electrical:             | <b>115 or 230V, 50-60Hz, 50W</b>             |
| Warranty:               | <b>2 Years</b>                               |

### Ordering Information:

| Item No.     | Description:   |
|--------------|--|
| BT30*        | Orbi-Blotter™ Low Speed Orbital Shaker                             |
| BR2000-STACK | Stacking platform with 14 x 12" flat mat (3" clearance)            |
| BR2000-SP    | STACK-PLUS Extender set, adds 1.25" clearance to stacking platform |

\*115V with US plug. For 230v (EU plug), please add (-E).

## Benchmotion™ Shaker Selection App

### BenchMotion Shaker Selection App



Available on:  
 Get it on Google play  
 Available on the App Store



Scan me

Simply download the app on your phone or mobile device, or visit [www.benchmotion.com](http://www.benchmotion.com) to view a video demonstration showing all of the shaking motions available from Benchmark Scientific. Once the preferred motion is identified, click or touch on the “see details” option to quickly navigate your way to the most appropriate model(s) for your application.