

## Micro-Stir® Magnetic Stirrer & BioStir® Magnetic Stirrers

### Micro-Stir® Magnetic Stirrer

- Ideal for low speed shear sensitive mixing
- 5-200 RPM, single and four place units
- Programmable, remote control and alarm capable



| Cat. No.      | Description              | Qty / Case |
|---------------|--------------------------|------------|
| W900700- [ ]* | Single Place Micro-Stir® | 1          |
| W900701- [ ]* | Four Place Micro-Stir®   | 1          |

### BioStir® Magnetic Stirrer

- Ideal for general mixing and difficult to dissolve solutes
- 150-1200 RPM, single and four place units
- Programmable, remote control and alarm capable



| Cat. No.      | Description           | Qty / Case |
|---------------|-----------------------|------------|
| W900702- [ ]* | Single Place BioStir® | 1          |
| W900703- [ ]* | Four Place BioStir®   | 1          |

#### Specifications

##### Electrical:

Operating Voltage:..... 100-240 VAC, 50/60 Hz  
 Power Consumption:..... 15 Watts  
 Pollution Degree:..... Class 2

##### Environmental:

Operating Temperature:..... 15° to 40°C  
 Humidity:..... 80% up to 31°C, 50% at 40°C  
 Altitude Limit:..... 2000m

##### Operating Speed:

Micro-Stir®..... 5-200 RPM  
 BioStir®..... 150-1200 RPM  
 Maximum Flask Size:..... 3L Flask

##### Dimensions: H x W x D

Single Place:..... 3.6 x 8 x 9.8" (9.2 x 20.3 x 24.9cm)  
 Four Place:..... 4 x 15.5 x 17.5" (10.2 x 39.4 x 44.5cm)

##### Weight:

Single Place:..... 4.5lb (1.9kg)  
 Four Place:..... 10lb (4.5kg)

### Remote Control Unit

- Ideal for sensitive procedures or difficult to reach areas
- Same interface layout as Micro-Stir® and BioStir® stirrers
- Slim communication cord; no power cord required



| Cat. No. | Description    | Qty / Case |
|----------|----------------|------------|
| W900704  | Remote Control | 1          |

## Bench-Top Systems – Mini-Bottle

- Allows for serum and media bottles as well as culture tubes
- For cell cultivation or staining procedures
- Accommodates bottles 38 to 60mm in diameter and 240mm long
- Deck kits available to double or triple capacity



\*Shown with Additional Deck Kit



#### Specifications

Capacity:..... 4-12 Positions  
 Bottle Speed:..... 2-45 RPM (dependent on bottle size)  
 Bottle Diameter:..... 38-60mm  
 Bottle Length:..... Up to 240mm  
 Weight:..... 18lb (8kg)  
 Dimensions: W x D x H..... 12.25 x 12.75 x 7.125" (32 x 32.5 x 18cm)  
 Humidity:..... 80% up to 31°C  
 Operating Temperature:..... 10 to 40°C  
 Electrical:..... 100-240 VAC, 50/60 Hz, 14W

| Cat. No.  | Plug Style         | Voltage | Qty / Case |
|-----------|--------------------|---------|------------|
| W348923-A | North America      | 120 VAC | 1          |
| W348923-B | Japan              | 100 VAC | 1          |
| W348923-C | Continental Europe | 230 VAC | 1          |
| W348923-D | United Kingdom     | 230 VAC | 1          |
| W348923-F | Australia / China  | 240 VAC | 1          |
| W348923-G | Italy / Chile      | 230 VAC | 1          |
| W348923-J | India              | 230 VAC | 1          |

Refer to page 189-190 for plug styles.

### Additional Deck Kit



| Cat. No.   | Description                                    | Qty / Case |
|------------|------------------------------------------------|------------|
| W348920-CH | Deck Kit for Mini Bottle Bench-Top Roller Rack | 1          |

## Bench-Top Systems – Small Bottle

- Allows for use with glass or plastic roller bottles
- For cell cultivation research and pilot applications
- Accommodates two bottles 75 to 121mm in diameter and 290 mm long
- Deck kits available to double or triple capacity



### Specifications

Capacity: ..... 2-6 Positions  
 Bottle Speed: ..... 0.1-3.8 RPM (110mm diameter bottle)  
 Bottle Diameter: ..... 108-121mm  
 Bottle Length: ..... Up to 290mm  
 Weight: ..... 18lb (8kg)  
 Dimensions: W x D x H ..... 12.25 x 12.75 x 7.125" (32 x 32.5 x 18cm)  
 Humidity: ..... 80% up to 31°C  
 Operating Temperature: ..... 10 to 40°C  
 Electrical: ..... 100-240 VAC, 50/60 Hz, 14W

| Cat. No.  | Plug Style         | Voltage | Qty / Case |
|-----------|--------------------|---------|------------|
| W348924-A | North America      | 120 VAC | 1          |
| W348924-B | Japan              | 100 VAC | 1          |
| W348924-C | Continental Europe | 230 VAC | 1          |
| W348924-D | United Kingdom     | 230 VAC | 1          |
| W348924-F | Australia / China  | 240 VAC | 1          |
| W348924-G | Italy / Chile      | 230 VAC | 1          |
| W348924-J | India              | 230 VAC | 1          |

Refer to page 189-190 for plug styles.

## Additional Deck Kit



| Cat. No.   | Description                                     | Qty / Case |
|------------|-------------------------------------------------|------------|
| W348930-CH | Deck Kit for Small Bottle Bench-Top Roller Rack | 1          |

## Vented Screw Cap, 45mm

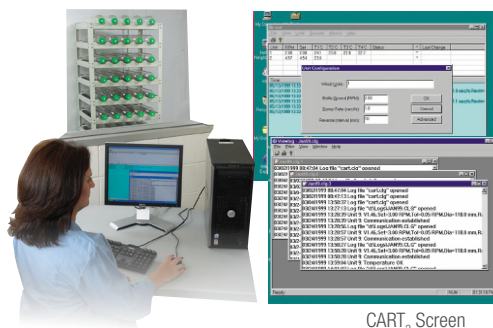
- Sterile polypropylene cap with 0.2 micron hydrophobic filter
- Ideal for use with glass spinner flasks or roller bottles with 45mm screw thread
- Individually wrapped
- Opening is covered with a hydrophobic filter to allow a flask or bottle to "breathe" while eliminating bacterial contamination from this venting
- Allows gas exchange while preventing liquid, water or contaminants from passing through the filter
- Cannot be autoclaved



| Cat. No. | Description | Qty / Case |
|----------|-------------|------------|
| W240751  | Vented Cap  | 4          |
| W240752  | Vented Cap  | 12         |

## Software

### CART<sub>2</sub> Control Monitor and Recording Software



CART<sub>2</sub> Screen

- Remotely monitors and controls up to 255 R2P™ rollers
- Records all settings, changes, alarms and communication loss
- Password-protected user levels maintain security
- Can be easily added to R2P™ at any time
- Conforms to UL, CSA and CE Laboratory Standards

The WHEATON CART<sub>2</sub> System precisely controls rotating speeds of up to 255 separate roller units. Each unit is monitored for rotation, speed deviation and communication. This system provides the perfect solution for GMP or FDA requirements.

### Computer Requirements

- IBM Pentium PC or compatible
- 32 MB of RAM, minimum
- Microsoft® Windows® 2000, XP
- One free serial port
- 10 MB of free hard drive space, minimum

### CART<sub>2</sub> and View Log Software with the Network Interface

Network Interface is a single-line network adapter for up to 255 R2P units.

| Cat. No.  | Plug Style         | Voltage | Qty / Case |
|-----------|--------------------|---------|------------|
| W348902-A | North America      | 120 VAC | 1          |
| W348902-B | Japan              | 100 VAC | 1          |
| W348902-C | Continental Europe | 230 VAC | 1          |
| W348902-D | United Kingdom     | 230 VAC | 1          |
| W348902-F | Australia / China  | 240 VAC | 1          |
| W348902-G | Italy / Chile      | 230 VAC | 1          |
| W348902-J | India              | 230 VAC | 1          |

Refer to page 189-190 for plug styles.



# Wolf Laboratories Limited

[www.wolflabs.co.uk](http://www.wolflabs.co.uk)

Tel: 01759 301142

Fax: 01759 301143

[sales@wolflabs.co.uk](mailto:sales@wolflabs.co.uk)



**Use the above details to contact us if this literature doesn't answer all your questions.**

**Pricing on any accessories shown can be found by keying the part number into the search box on our website.**

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.

