



## Labquake® Tube Shaker/Rotators



Labquake



### Versatility at an Economical Price!

- Accommodates a variety of tube sizes (10 to 30 mm)
- Accepts Vacutainer tubes
- Removable double deck trays are interchangeable with clip bar
- Available in clip bar, double deck or combination models

### Operation

- Clip bar models feature continuous rotation at 8 rpm or oscillating action at 22 to 70 reversals/min.
- Double deck models feature oscillating action at 22 to 70 reversals/min., depending on angle.

### Applications

- Thorough mixing of blood samples
- Preparation of homogeneous dispersions
- Dialysis under agitation
- Liquid – liquid extractions

### ORDERING INFORMATION

Small Labquake® Shakers\* - choose from double deck tray or clip bar models.

| Model #                | No. of Tubes x Tube Size    | Description      | Degree of Rotation | Degree of Oscillation | Mixing Surface W x D Inches (cm) | Overall Dimensions Inches (cm) |          |           | Voltage (50/60 Hz) | Shipping Weight Lb. (kg) | US List Price |
|------------------------|-----------------------------|------------------|--------------------|-----------------------|----------------------------------|--------------------------------|----------|-----------|--------------------|--------------------------|---------------|
|                        |                             |                  |                    |                       |                                  | W                              | H        | D         |                    |                          |               |
| 4002110 <sup>2</sup>   | 8 x 17-30 mm                | Clip Bar         | 360                | up to 300             | —                                | 4 (10)                         | 6 (15.2) | 11 (27.9) | 120                | 5 (2.3)                  | \$301.00      |
| 4002220 <sup>1,2</sup> | 8 x 17-30 mm                | Clip Bar         | 360                | up to 300             | —                                | 4 (10)                         | 6 (15.2) | 11 (27.9) | 220/240            | 5 (2.3)                  | \$320.00      |
| 400110 <sup>2</sup>    | 14 x 10-19 mm               | Clip Bar         | 360                | up to 300             | —                                | 4 (10)                         | 6 (15.2) | 11 (27.9) | 120                | 5 (2.3)                  | \$266.00      |
| 400220 <sup>1,2</sup>  | 14 x 10-19 mm               | Clip Bar         | 360                | up to 300             | —                                | 4 (10)                         | 6 (15.2) | 11 (27.9) | 220/240            | 5 (2.3)                  | \$287.00      |
| T400110 <sup>2</sup>   | 22 x 10 ml Vacutainer Tubes | Double deck Tray | —                  | up to 90              | 6.5 (16.5) x 7.3 (18.4)          | 6.5 (16.5)                     | 6 (15.2) | 11 (27.9) | 120                | 5 (2.3)                  | \$342.00      |
| T400220 <sup>1,2</sup> | 22 x 10 ml Vacutainer Tubes | Double deck Tray | —                  | up to 90              | 6.5 (16.5) x 7.3 (18.4)          | 6.5 (16.5)                     | 6 (15.2) | 11 (27.9) | 220/240            | 5 (2.3)                  | \$379.00      |

Small Labquake Shakers\* - Includes double deck tray and clip bar

| Model #                 | No. of Tubes x Tube Size                    | Description                 | Degree of Rotation | Degree of Oscillation | Voltage (50/60 Hz) | Overall Dimensions Inches (cm) |          |           | Mixing Surface Inches (cm) | Shipping Weight Lb. (kg) | US List Price |
|-------------------------|---|-----------------------------|--------------------|-----------------------|--------------------|--------------------------------|----------|-----------|----------------------------|--------------------------|---------------|
|                         |   |                             |                    |                       |                    | W                              | H        | D         |                            |                          |               |
| C4002110 <sup>2</sup>   | 8 x 17-30 mm & 22 x 10 ml Vacutainer Tubes  | Clip Bar & Double Deck Tray | 360                | up to 300             | 120                | 6.5 (16.5)                     | 6 (15.2) | 11 (27.9) | 6.5 (16.5) x 7.3 (18.4)    | 5 (2.3)                  | \$425.00      |
| C4002220 <sup>1,2</sup> | 8 x 17-30 mm & 22 x 10 ml Vacutainer Tubes  | Clip Bar & Double Deck Tray | 360                | up to 300             | 220/240            | 6.5 (16.5)                     | 6 (15.2) | 11 (27.9) | 6.5 (16.5) x 7.3 (18.4)    | 6 (2.7)                  | \$442.00      |
| C400110 <sup>2</sup>    | 14 x 10-19 mm & 22 x 10 ml Vacutainer Tubes | Clip Bar & Double Deck Tray | 360                | up to 300             | 120                | 6.5 (16.5)                     | 6 (15.2) | 11 (27.9) | 6.5 (15.2) x 7.3 (18.4)    | 5 (2.3)                  | \$389.00      |
| C400220 <sup>1,2</sup>  | 14 x 10-19 mm & 22 x 10 ml Vacutainer Tubes | Clip Bar & Double Deck Tray | 360                | up to 300             | 220/240            | 6.5 (16.5)                     | 6 (15.2) | 11 (27.9) | 6.5 (15.2) x 7.3 (18.4)    | 6 (2.7)                  | \$409.00      |

<sup>1</sup> CE, <sup>2</sup> CSA

\*Load capacity 1.75 Lb.(.80 kg)

400 Series and 415 Series can also accommodate 1.5 microcentrifuge tubes.

Vacutainer® is a registered trademark of Becton Dickinson.

# Thermolyne Shakers



## ORDERING INFORMATION

Large Labquake® Shakers\* – Choose from double deck tray or clip bar models

| Model #                | No. of Tubes<br>x Tube Size    | Description         | Degree of<br>Rotation | Degree of<br>Oscillation | Voltage<br>(50/60 Hz) | Overall Dimensions<br>Inches (cm) |          |             | Mixing<br>Surface<br>W x D Inches (cm) | Shipping<br>Weight<br>Lb. (kg) | US List<br>Price |
|------------------------|--------------------------------|---------------------|-----------------------|--------------------------|-----------------------|-----------------------------------|----------|-------------|--|--------------------------------|------------------|
|                        |                                |                     |                       |                          |                       | W                                 | H        | D           |  |                                |                  |
| 4152110 <sup>2</sup>   | 14 x 17-30 mm                  | Clip Bar            | 360                   | up to 300                | 120                   | 4 (10.2)                          | 6 (15.2) | 18.5 (46.9) | —                                      | 5(2.32)                        | \$352.00         |
| 415220 <sup>1,2</sup>  | 14 x 17-30 mm                  | Clip Bar            | 360                   | up to 300                | 220/240               | 4 (10.2)                          | 6 (15.2) | 18.5 (46.9) | —                                      | 5(2.32)                        | \$371.00         |
| 415110 <sup>2</sup>    | 32 x 10-19 mm                  | Clip Bar            | 360                   | up to 300                | 120                   | 4 (10.2)                          | 6 (15.2) | 18.5 (46.9) | —                                      | 5 (2.3)                        | \$316.00         |
| 415220 <sup>1,2</sup>  | 32 x 10-19 mm                  | Clip Bar            | 360                   | up to 300                | 220/240               | 4 (10.2)                          | 6 (15.2) | 18.5 (46.9) | —                                      | 5 (2.3)                        | \$338.00         |
| T415110 <sup>2</sup>   | 46 x 10 ml<br>Vacutainer Tubes | Double deck<br>Tray | —                     | up to 90                 | 120                   | 4.5 (11.4)                        | 6 (15.2) | 18.5 (46.9) | 4.5 (11.4) x<br>15 (38.1)              | 7 (3.2)                        | \$431.00         |
| T415220 <sup>1,2</sup> | 46 x 10 ml<br>Vacutainer Tubes | Double deck<br>Tray | —                     | up to 90                 | 220/240               | 4.5 (11.4)                        | 6 (15.2) | 18.5 (46.9) | 4.5 (11.4) x<br>15 (38.1)              | 7 (3.2)                        | \$453.00         |

Large Labquake® Shakers\* – Includes double deck tray or clip bar

| Model #                | No. of Tubes<br>x Tube Size                       | Description                    | Degree of<br>Rotation | Degree of<br>Oscillation | Voltage<br>(50/60 Hz) | Overall Dimensions<br>Inches (cm) |         |             | Mixing<br>Surface<br>W x D Inches (cm) | Shipping<br>Weight<br>Lb. (kg) | US List<br>Price |
|------------------------|---|--------------------------------|-----------------------|--------------------------|-----------------------|-----------------------------------|---------|-------------|--|--------------------------------|------------------|
|                        |   |                                |                       |                          |                       | W                                 | H       | D           |  |                                |                  |
| C4152110 <sup>2</sup>  | 14 x 17-30 mm<br>& 46 x 10 ml<br>Vacutainer Tubes | Clip Bar &<br>Double deck tray | 360                   | up to 300                | 120                   | 4.5 (11.4)                        | 6(15.2) | 18.5 (46.9) | 4.5 (11.4) x<br>15 (38.1)              | 7 (3.2)                        | \$498.00         |
| C415220 <sup>1,2</sup> | 14 x 17-30 mm<br>& 46 x 10 ml<br>Vacutainer Tubes | Clip Bar &<br>Double deck tray | 360                   | up to 300                | 220/240               | 4.5 (11.4)                        | 6(15.2) | 18.5 (46.9) | 4.5 (11.4) x<br>15 (38.1)              | 8 (3.6)                        | \$483.00         |
| C415110 <sup>2</sup>   | 32 x 10-19 mm<br>& 46 x 10 ml<br>Vacutainer Tubes | Clip Bar &<br>Double Deck Tray | 360                   | up to 300                | 120                   | 4.5 (11.4)                        | 6(15.2) | 18.5 (46.9) | 4.5 (11.4) x<br>15 (38.1)              | 7 (3.2)                        | \$463.00         |
| C415220 <sup>1,2</sup> | 32 x 10-19 mm<br>& 46 x 10 ml<br>Vacutainer Tubes | Clip Bar &<br>Double Deck Tray | 360                   | up to 300                | 220/240               | 4.5 (11.4)                        | 6(15.2) | 18.5 (46.9) | 4.5 (11.4) x<br>15 (38.1)              | 8 (3.6)                        | \$483.00         |

<sup>1</sup> CE, <sup>2</sup> CSA

\*Load capacity 1.75 Lb.(.80 kg)

400 Series and 415 Series can also accommodate 1.5 microcentrifuge tubes.

Vacutainer® is a registered trademark of Becton Dickinson.