Advantec Magnetic Stirrors – Quality and Variety!

- Standard Magnetic Stirrer
- Hot Plate Stirrer
- Powerful Stirrer
- Multi-Position Hot Plate Stirrer
- Multi-Position Stirrer
### Standard Magnetic Stirrer

#### Efficient and Stable!
- A powerful rare-earth magnet and electronic control circuit are used.
- Can be controlled in a wide range of rotation, from low to high speed, simply by turning the switch.
- The main body is made of GF-PBT*, which is heat / chemical resistant and durable.
- Easy to operate because it can be started at low speed by turning the switch.
- A smooth and clean design.

* GF-PBT is Glass Fiber-reinforced Polybutylene Terephthalate, which is durable and heat/chemical resistant.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>SPEED RANGE (rpm)</th>
<th>STIRRING CAPACITY</th>
<th>TOP PLATE (mm)</th>
<th>OVERALL DIMENSIONS (W x D x H) (mm)</th>
<th>WEIGHT (kg)</th>
<th>FEATURES</th>
<th>ACCESSORIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRS116AA</td>
<td>100 - 1500</td>
<td>30mL - 1L</td>
<td>110 x 110</td>
<td>110 x 160 x 70</td>
<td>1.0</td>
<td>Standard Type</td>
<td>Mat 1</td>
</tr>
<tr>
<td>SRS216AA</td>
<td>200 - 1500</td>
<td>30mL - 2L</td>
<td>110 x 110</td>
<td>110 x 160 x 70</td>
<td>1.1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SRS316AA</td>
<td>100 - 1500</td>
<td>50mL - 3L</td>
<td>160 x 160</td>
<td>160 x 203 x 75</td>
<td>1.3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SRS116AA</td>
<td>30 - 1500</td>
<td>100mL - 7L</td>
<td>230 x 230</td>
<td>230 x 272 x 75</td>
<td>2.9</td>
<td>For Large Volume and</td>
<td>Mat 1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>High Viscosity Liquid</td>
<td></td>
</tr>
<tr>
<td>SRS710AA</td>
<td>30 - 1500</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SRS710DA</td>
<td>30 - 500</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SRS710RA</td>
<td>30 - 1500</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Hot Plate Stirrer

#### Precise Temperature and Stirring Control!
- Equipped with thermistor temperature control for precise temperature control of hot plate surface up to 300°C.
- Ceramic coated hot plate for chemical resistance.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>SPEED RANGE (rpm)</th>
<th>STIRRING CAPACITY</th>
<th>HOT PLATE TEMP. (°C)</th>
<th>HOT PLATE DIAMETER (mm)</th>
<th>OVERALL DIMENSIONS (W x D x H) (mm)</th>
<th>WEIGHT (kg)</th>
<th>ACCESSORIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRS316HA</td>
<td>200 - 1500</td>
<td>50mL - 3L</td>
<td>50 – 300*</td>
<td>150mm</td>
<td>160 x 203 x 110</td>
<td>2.1</td>
<td>Stirring Bar 1</td>
</tr>
<tr>
<td>SRS710HA</td>
<td>100 - 1500</td>
<td>100mL - 7L</td>
<td>50 – 300*</td>
<td>202mm</td>
<td>230 x 272 x 110</td>
<td>3.7</td>
<td></td>
</tr>
</tbody>
</table>

* Hot plate surface temperature without any sample.

### Combination Stirrer Units

#### Combination with other units
- Magnetic Stirrer can be used with our “Water Bath” or “Oil Bath”. This combination affords stable temperature control in various applications.
- Magnetic Stirrer can also be used with our Ultrafiltration Stirred Cell (UHP-holder).

Please contact us for detailed information about the Water (Oil) Bath and Ultrafiltration Stirred Cell.
## Powerful Stirrer

**Powerful and Stable!**
- Equipped with a powerful magnet and can be used for industrial application.
- SRSB10LA and SRSE10LA are equipped with a large visible rpm meter.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>SPEED RANGE (rpm)</th>
<th>STIRRING CAPACITY</th>
<th>OVERALL DIMENSIONS (W x D x H) (mm)</th>
<th>WEIGHT (kg)</th>
<th>FEATURES</th>
<th>ACCESSORIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRSB10LA</td>
<td>70 - 1300</td>
<td>10L - 20L</td>
<td>365 x 385 x 210</td>
<td>11.0</td>
<td>Stirring Bar</td>
<td></td>
</tr>
<tr>
<td>SRSE10LA</td>
<td>50 - 650</td>
<td>20L - 50L</td>
<td>405 x 425 x 284</td>
<td>29.0</td>
<td>Stirring Bar</td>
<td>1</td>
</tr>
<tr>
<td>SRSB10GA</td>
<td>70 - 1300</td>
<td>10L - 20L</td>
<td>365 x 370 x 250</td>
<td>16.0</td>
<td>With Hot Plate (Max. 250°C)</td>
<td></td>
</tr>
</tbody>
</table>

## Multi-Position Stirrer

**Multiple Stirring with Powerful and Precise Control!**
- Each stirring position has a powerful rare-earth magnet and electronic control circuit.
- Can be controlled in a wide range of rotation, from low to high speed, simply by turning the switch at each stirring position.
- Interlock-mode is available for SRS360YA.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>SPEED RANGE (rpm)</th>
<th>STIRRING CAPACITY</th>
<th>STIRRING POINT</th>
<th>OVERALL DIMENSIONS (W x D x H) (mm)</th>
<th>WEIGHT (kg)</th>
<th>ACCESSORIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRS246PA</td>
<td>100 - 1500</td>
<td>30mL - 2L</td>
<td>4 points</td>
<td>300 x 315 x 120</td>
<td>7.0</td>
<td>Mat 4 pcs / Stirring Bar 4 pcs</td>
</tr>
<tr>
<td>SRS266PA</td>
<td>30 - 1500</td>
<td>50mL - 3L</td>
<td>6 points</td>
<td>450 x 315 x 120</td>
<td>9.5</td>
<td>Mat 6 pcs / Stirring Bar 6 pcs</td>
</tr>
<tr>
<td>SRS360YA</td>
<td>30 - 1500</td>
<td>50mL - 3L</td>
<td>6 points</td>
<td>585 x 415 x 120</td>
<td>15.0</td>
<td>Mat 6 pcs / Stirring Bar 6 pcs</td>
</tr>
</tbody>
</table>

## Multi-Position Hot Plate Stirrer

**Multiple Stirring/Heating with Powerful and Precise Control!**
- Rotation speed and temperature can be controlled individually for each position.
- Equipped with thermistor temperature control for precise temperature control of hot plate surface up to 300°C.
- Ceramic coated hot plate for chemical resistance.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>SPEED RANGE (rpm)</th>
<th>STIRRING CAPACITY</th>
<th>STIRRING POINT</th>
<th>HOT PLATE TEMP. (°C)</th>
<th>EACH HOT PLATE DIAMETER (mm)</th>
<th>OVERALL DIMENSIONS (W x D x H) (mm)</th>
<th>WEIGHT (kg)</th>
<th>ACCESSORIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>SRS266TA</td>
<td>200 - 1500</td>
<td>50mL - 2L</td>
<td>6 points</td>
<td>Max 300°C</td>
<td>150mm</td>
<td>520 x 370 x 160</td>
<td>16.0 Kg</td>
<td>Stirring Bar 6 pcs</td>
</tr>
</tbody>
</table>
Stirring Bars

Advantec has a wide variety of Stirring Bars

A wide variety of magnetic stirring bars are available in various shapes and materials suitable for different vessel sizes and shapes allowing for different types of solutions.

- **Hard PE A**
  - Application: Standard
  - Maximum Temperature: 120°C
  - Models: SR000120 to SR000210
  - Sizes (mm): 10 to 120

- **Hard Glass B**
  - Application: Standard
  - Maximum Temperature: 500°C
  - Models: SR000220 to SR000260
  - Sizes (mm): 15 to 45

- **Hard Glass C**
  - Application: Small Volume
  - Maximum Temperature: 500°C
  - Models: SR000270 to SR000300
  - Sizes (mm): 15 to 45

- **PTFE A**
  - Application: Thick Cylindrical Type
  - Maximum Temperature: 250°C
  - Models: SR000310 to SR000400
  - Sizes (mm): 6x15 to 16x100

- **PTFE SA**
  - Application: Thin Cylindrical Type
  - Maximum Temperature: 250°C
  - Models: SR000410 to SR000490
  - Sizes (mm): 4x10 to 8x50

- **PTFE TS**
  - Application: Octagon Type
  - Maximum Temperature: 250°C
  - Models: SR000520 to SR000510
  - Sizes (mm): 6.5x15 to 10x45

- **PTFE SR**
  - Application: Disc Type with fin / For High Viscosity Liquid
  - Maximum Temperature: 250°C
  - Models: SR000570 to SR000630
  - Sizes (mm): 10x9 to 50x15

- **PTFE SF**
  - Application: Football Type / For Round Bottom Flask
  - Maximum Temperature: 250°C
  - Models: SR000640 to SR000660
  - Sizes (mm): 10x25 to 20x45