AHP-800MSP
Magnetic Stirring Cold/Hot Plate

FEATURES

- Heating and cooling
- Unique high-performance side mounting cold plate for added cooling and uniform temperatures
- Magnetic drive for stir bars from underneath the bottle
- Magnetic stir offers 5 speed settings
- Standard and custom sleeves
- Made for use with Corning Pyrex® brand 1000 mL beakers or equivalent size beakers or bottles
- 100-240 VAC universal, integral power supply
- North American standard power input cord set
- Variable speed fan for reduced noise
- Weighs only 38 lbs. (17.3 kg)
- Compact bench-top design
- No compressor, fluorocarbons or filters
- Virtually maintenance-free operation
- Painted stainless steel exterior housing

INCLUDES

- Integral PID “tunable” temperature control
- One shot smart PID control tuning or Adaptive Smart Continuous Tuning
- Internal RTD sensor
- External RTD sensor included
- Remote Sensibility™ switchable exterior RTD sensor
- Multi-segment ramp and soak programs
- RS-232 communications
- i-tools software for easy programming and control tweaking
- Standard software for charting and data acquisition
- Stock bottle block for 4 liter beaker (6.25” diameter)
  Corning Pyrex® brand 1000 # S-34502-15

APPLICATIONS

- Laboratory or industrial environments. Testing of specimens, drugs and industrial chemicals. Process testing. Quality control.

OPTIONAL SLEEVES

The AHP-800MSP has optional sleeves that make it adaptable to different size bottles and beakers. Install different sleeves for different diameter vessels.

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>CORNING PART NUMBER</th>
<th>VOLUME (Liter)</th>
<th>SIZE (Inches)</th>
<th>H X OD</th>
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</thead>
<tbody>
<tr>
<td>SLV-2000</td>
<td>S-34502-13</td>
<td>2</td>
<td>7 1/2 X 5 1/8</td>
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<tr>
<td>SLV-1500</td>
<td>S-34502-12</td>
<td>1.5</td>
<td>6 1/2 X 4 3/4</td>
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<tr>
<td>SLV-1000</td>
<td>S-34502-11</td>
<td>1</td>
<td>6 1/4 X 4 1/4</td>
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<tr>
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<td>S-34502-10</td>
<td>0.8</td>
<td>5 1/4 X 3 7/8</td>
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<tr>
<td>SLV-600</td>
<td>S-34502-09</td>
<td>0.6</td>
<td>4 7/8 X 3 1/2</td>
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SPECIFICATIONS

<table>
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<tr>
<th>MODEL</th>
<th>PART NUMBER</th>
<th>NOTES</th>
<th>VOLTAGE VAC 50/60 HZ</th>
<th>CURRENT AMPS</th>
<th>WEIGHT LBS. (KG)</th>
<th>TEMP. CONTROL</th>
<th>OPERATING AMBIENT °C</th>
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<tbody>
<tr>
<td>AHP-800MSP</td>
<td>9-50EB-1-003</td>
<td>Heat/Cool</td>
<td>100-240</td>
<td>1.7-4.8</td>
<td>38 (17.3)</td>
<td>TC-4300</td>
<td>0-45</td>
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</table>
PERFORMANCE CURVE

AHP-800MSP with Sleeves

Temperature (£C)

0  10  20  30  40
0  60  120  180  240  300  360  420  480  540  600  660  720  780  840  900

Time (minutes)

Operative Set Point
1000 mL Beaker
600 mL Beaker

ENVIRONMENTS

Bench top
Laboratory
Industrial

DIMENSIONS

Shown with sleeve

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