

AHP-1200MSP

Magnetic Stirring Cold/Hot Plate

Air Cooled
Bench Top

Input: 100-240 VAC; Max. Power: 600 Watts

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 vessel
- Magnetic stir speed range 100-1400 RPM
- Integral PWM temperature controller
- Variable speed fan for reduced noise
- Weighs less than 50 lbs. (23 kg)
- Compact bench-top design
- No compressor, fluorocarbons or filters
- Virtually maintenance-free operation
- Painted and brush finished stainless steel exterior
- Use with one of five cold shoe direct contact blocks
- IEC 61010-2-010, IEC 61010-1, UL 61010-1, CSA C22.2#61010-1-12
- FCC 47CFR Part 15 Subpart B, EN 61326-1*BEI

CONTROL FEATURES

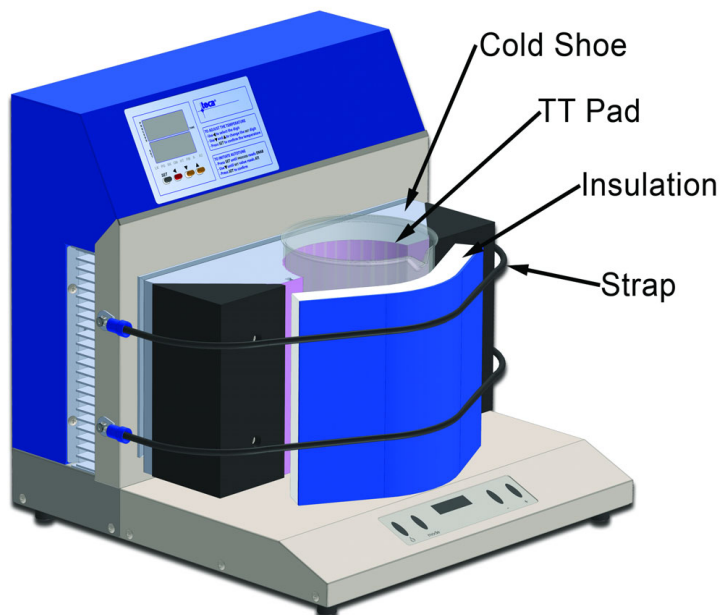
- Integral "tunable" PWM temperature control
- PWM, Bi-directional temperature control
- 4 Temperature zone with 4 independent PID settings
- Multi-segment ramp and soak programmable
- Internal RTD sensor
- Remote Sensibility™ switchable to exterior accessory RTD sensor
- USB Communication with easy to use software



SPECIFICATIONS

| MODEL | PART NUMBER | NOTES | VOLTAGE VAC 50/60 HZ | CURRENT AMPS. | WEIGHT LBS. (KG) | TEMP. CONTROL | OPERATING AMBIENT °C |
|-------------|--------------|-----------|----------------------------|------------------|---------------------|------------------|-------------------------|
| AHP-1200MSP | 9-35KB-1-MSP | Heat/Cool | 100-240 | 6.0 - 2.5 | 26 (12) | TC-5300 | 0-45 |

- The AHP-1200MSP must be used with one of the SLV-XXXMSP Cold Shoe accessories.

AHP-1200MSP**COLD SHOE ACCESSORY**

A cold shoe accessory converts the AHP-1200MSP into a direct contact cooler for specific diameter vessels. This provides a faster reaction time, wider temperature range (-5 °C to 50 °C) and better temperature control.

Soft pliable Thermal Transfer Pads (TT PADS) conform to the vessel. Thermal Transfer Pads are included with the cold shoe accessories.

COLD SHOE CONFIGURATIONS

| PART NUMBER | BEAKER TYPE | VOLUME mL | BEAKER DIAMETER in [mm] | BEAKER HEIGHT in [mm] |
|--------------|---------------------|--------------|----------------------------|--------------------------|
| SLV-1000LMSP | Griffin Low Form | 1000 | 4.25 [108] | 6.2 [158] |
| SLV-1000HMSP | Berzelius Tall Form | 1000 | 3.5 [89] | 7.36 [187] |
| SLV-1500MSP | Griffin Low Form | 1500 | 4.76 [121] | 6.5 [166] |
| SLV-2000MSP | Griffin Low Form | 2000 | 5.16 [131] | 7.6 [193] |
| SLV-3000MSP | Griffin Low Form | 3000 | 5.75 [146] | 8.5 [216] |
| SLV-4000MSP | Griffin Low Form | 4000 | 6.3 [160] | 9.8 [250] |
| SLV-5000MSP | Griffin Low Form | 5000 | 6.7 [170] | 10.6 [270] |

DIMENSIONS