

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
- Use with ICE-1200MSP Ice Bucket and Thermal Lab Beads™
OR
- Use cold shoe and bucket together for easy beaker access
- Either cold shoe accessory or Ice Bucket accessory is required (order separately)!
- 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

ICE BUCKET ACCESSORY

The **ICE-1200MSP** ice bucket accessory converts the AHP-1200MSP into stirring ice bucket which can cool and heat many sizes and types of vessels while mixing the contents. The stirring bead bath uses aluminum Thermal Lab Beads™ instead of water to conduct the heat away from your beaker or vial and a magnetic stir bar to stir the contents. Two liters of tecaLAB Thermal Lab Beads™ are included with the accessory.

SPECIFICATIONS

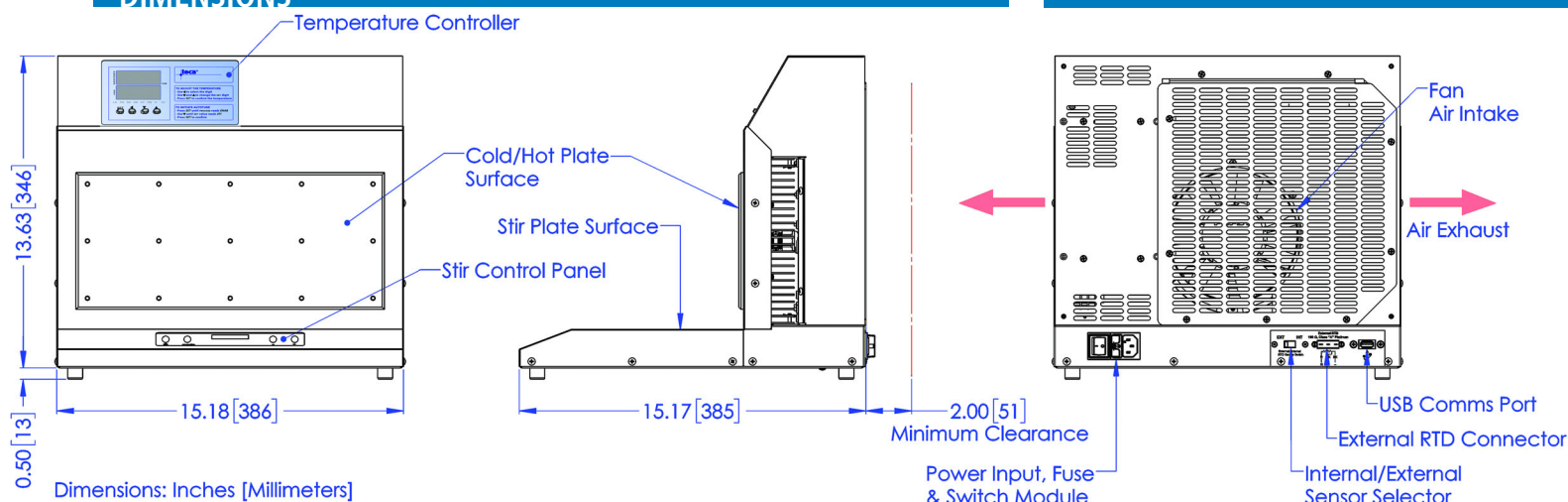
MODEL	PART NUMBER	NOTES	VOLTAGE VAC 50/60 HZ	CURRENT AMPS.	WEIGHT LBS. (KG)	TEMP. CONTROL	OPERATING AMBIENT °C
AHP-200MSP	9-35KB-1-MSP	Heat/Cool	100-240	6.0 - 2.5	26 (12)	TC-5300	0-45

- The AHP-1200MSP must be used with either ICE-1200MSP Ice Bucket or one of the SLV-XXXMSP Cold Shoe accessories.
- Use Cold Shoe and Ice Bucket together for easy beaker fixturing and removal.



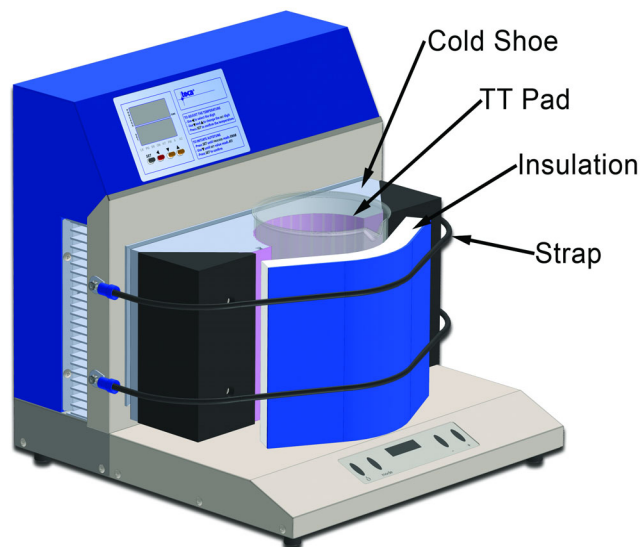
COLD SHOE ACCESSORY

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 (-10 °C to 50 °C) and better temperature control. Use cold Shoe with Ice Bucket together for easy beaker removal and fixturing.

AHP-1200MSP**DIMENSIONS****AHP-1200MSP with cold shoe accessory**

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

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]

**AHP-1200MSP with ICE-1200MSP bucket accessory**