

# AHP-301MSP

## Magnetic Stirring Cold/Hot Plate

Air Cooled  
Bench Top

Input: 100-240 VAC; Max. Power: 200 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 26 lbs. (12 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

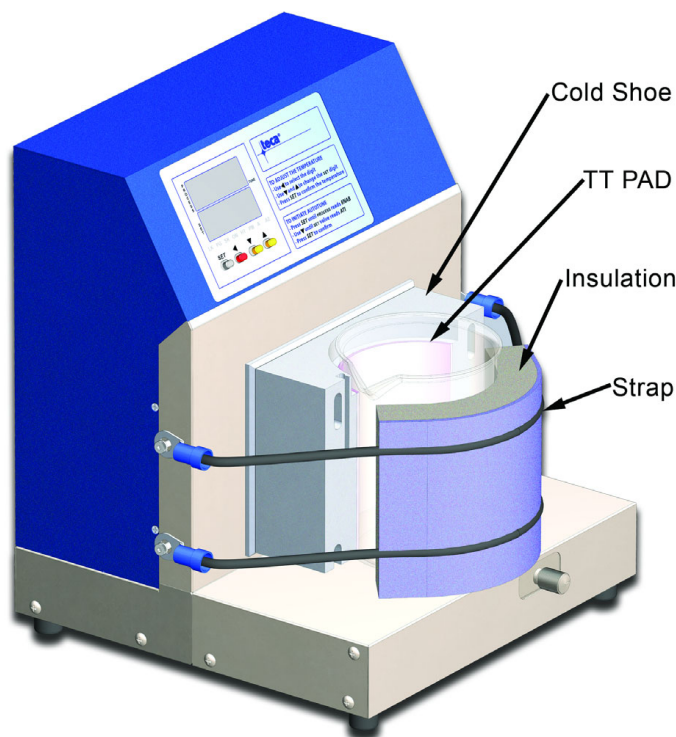
- Integral "tunable" PWM temperature control
- PWM, Bi-directional temperature control
- 4 Temperature zone with 4 independent PID settings
- Multi-segment ramp and soak programmable
- Internal RTD sensor
- Remote Sensibility™ switchable to exterior accessory RTD sensor
- USB Communication with easy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



### SPECIFICATIONS

MODEL	PART NUMBER	NOTES	VOLTAGE VAC 50/60 HZ	CURRENT AMPS.	WEIGHT LBS. (KG)	TEMP. CONTROL	OPERATING AMBIENT °C
AHP-301MSP	9-70KB-1-MSP	Heat/Cool	100-240	2.00 - 0.80	26 (12)	TC-5300	0-45

The AHP-301MSP must be used with one of the SLV-XXXMSP Cold Shoe accessories.

**AHP-301MSP****COLD SHOE ACCESSORY**

A cold shoe accessory converts the AHP-301MSP 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	DIAMETER in [mm]	TT PAD PART NUMBER	TT PAD SIZE in [mm]
SLV-600MSP	Griffin Low Form	600	3.54 [90]	included	4.8x4x.08 [122x102x2]
	Griffin Low Form	500	3.35 [85]	TT-G500	4.8x4x.17 [122x102x4.5]
	Berzelius Tall Form	800	3.54 [90]	TT-B800	4.8x4x.08 [122x102x2]
SLV-400MSP	Griffin Low Form	400	3.15 [80]	included	4.4x3.8x.08 [112x96x2]
	Berzelius Tall Form	500	3.11 [79]	TT-B500	4.4x3.8x.08 [112x96x2]
	Berzelius Tall Form	600	3.15 [80]	TT-B600	4.4x3.8x.08 [112x96x2]
SLV-250MSP	Griffin Low Form	250	2.76 [70]	included	3.8x3.1x.08 [96x79x2]
	Berzelius Tall Form	400	2.76 [70]	TT-B400	3.8x3.1x.08 [96x79x2]
SLV-150MSP	Griffin Low Form	150	2.36 [60]	included	3.2x2.5x.08 [81x63x2]
	Berzelius Tall Form	250	2.36 [60]	TT-B250	3.2x2.5x.08 [81x63x2]
SLV-100MSP	Griffin Low Form	100	1.97 [50]	included	2.5x2.2x.08 [63x53x2]
	Berzelius Tall Form	100	1.89 [48]	TT-B100	2.5x2.2x.12 [63x53x3]

**DIMENSIONS**