

ARA



D Series Heating Magnetic Stirrer



Max. Temperature
550°C

Max. Speed
1,500 rpm

D-HMS550

Digital Heating Magnetic Stirrer

ARA Heating Magnetic Stirrer는 강력하지만 부드러운 mixing 성능을 통해 균일한 샘플 혼합이 가능하며, 최대 550°C / 1,500 rpm 까지 구동이 가능합니다.

- 속도와 온도의 정확한 모니터링 가능한 LCD 디스플레이
- 과열을 방지하고 안전한 사용이 가능하도록 PID controller 내장
- Glass ceramic 재질의 plate는 화학물질에 내성이 높으며 빠른 열전도율 보장
- Brushless DC 모터사용으로 강력한 mixing 제공
- "HOT" 알람기능 : plate 온도가 50°C 이상일 때 램프 점등

Accessories

Aluminum Color Pie & Alloy-Bead Heating Bath

일반적인 비커 형태 외 다양한 glassware를 사용하기 위한 추가 악세서리



고강도 알루미늄
합금 비드 사용

PTFE shell
단열효과로
화상위험방지

다양한 용기
폭넓게 수용가능

Temperature probe
삼입구조로 정확한
온도제어

최대 260°C까지
사용가능

BMS

D-HMS550

Digital Heating Magnetic Stirrer

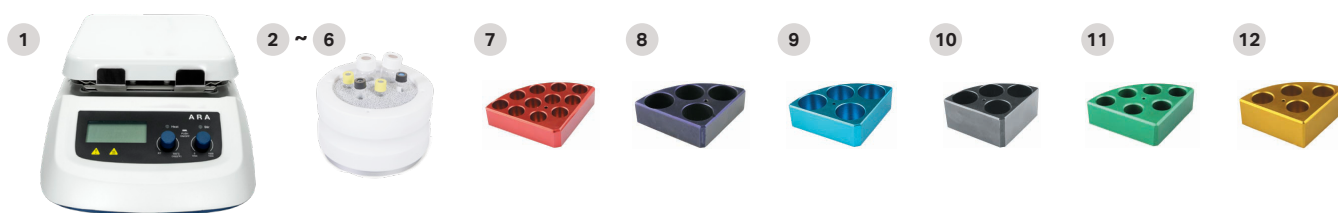
Technical Specifications

Work plate Dimension (W x D)	184 x 184 mm (7 inch)
Work plate material	Glass ceramic
Motor type	Brushless DC motor
Motor rating input	18 W
Motor rating output	10 W
Power	1,050 W
Heating output	1,000 W
Voltage	100-120 / 200-240 V 50/60 Hz
Max. stirring quantity, (H ₂ O)	20 L
Max. magnetic bar (length)	80 mm
Speed range	100-1,500 rpm resolution ±1 rpm
Speed / Temperature display	LCD

Components

- Main Body x 1 unit
- Temperature Sensor x 1 ea
- Support Clamp x 1 ea
- Power Cable x 1 ea
- Stirring bar x 1 ea
- Fuse 6.3A x 1 ea
- User Manual x 1 ea

Heating temperature range	Room Temp. -550°C, increment 1°C
Temperature control accuracy	±1 °C (<100°C) ±1% (>100°C)
Overheating protection	580°C
Temperature display accuracy	±0.1°C
External temperature sensor	PT1000 (accuracy ±0.2)
"Hot" warning	50°C
Data connector	RS232
Protection class	IP21
Dimension [WxDxH]	215 x 360 x 112 mm
Weight	5.3 kg
Permissible ambient temperature and humidity	5-40°C, 80% RH



Ordering Information

Cat. No	Product Name
1	D-HMS550 Digital Heating Magnetic Stirrer
2	18900512 Aluminum alloy beads 1 kg (500 mL)
3	18900513 500 mL aluminum alloy bead bath block, without beads
4	18900514 1000 mL aluminum alloy bead bath block, without beads
5	18900516 500 mL aluminum alloy bead bath block, with 500 mL beads (18900513 + 18900512)
6	18900517 1000 mL aluminum alloy bead bath block, with 1000 mL beads (18900514 + 18900512 x 2)
7	18900002 Red quarter pie, 11 holes, 4 mL reaction vessel, Ø15.2 mm, 20 mm depth
8	18900003 Purple quarter pie, 4 holes, 20 mL reaction vessel, Ø28 mm, 24 mm depth
9	18900004 Blue quarter pie, 4 holes, 30 mL reaction vessel, Ø28 mm, 30 mm depth
10	18900005 Black quarter pie, 4 holes, 40 mL reaction vessel, Ø28 mm, 43 mm depth
11	18900048 Green quarter pie, 6 holes, 8 mL reaction vessel, Ø17.8 mm, 26 mm depth
12	18900049 Golden quarter pie, 4 holes, 16 mL reaction vessel, Ø21.6 mm, 31.7 mm depth



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Order & Inquiry
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