



Advantec Magnetic Stirrers – Quality and Variety!

- Standard Magnetic Stirrer
- Hot Plate Stirrer
- Powerful Stirrer
- Multi-Position Hot Plate Stirrer
- Multi-Position Stirrer

Standard Magnetic Stirrer



Efficient and Stable!

- A powerful rare-earth magnet and electronic control circuit are used.
- Can be controlled in a wide range of rotation, from low to high speed, simply by turning the switch.
- The main body is made of GF-PBT*, which is heat / chemical resistant and durable.
- Easy to operate because it can be started at low speed by turning the switch.
- A smooth and clean design.

* GF-PBT is Glass Fiber-reinforced Polybutylene Terephthalate, which is durable and heat/chemical resistant.

MODEL	SPEED RANGE (rpm)	STIRRING CAPACITY	TOP PLATE (mm)	OVERALL DIMENSIONS (W x D x H) (mm)	WEIGHT (kg)	FEATURES	ACCESSORIES
SRS116AA	100 - 1500	30mL - 1L	110 x 110	110 x 160 x 70	1.0	Standard Type	Mat 1 Stirring Bar 1
SRS216AA	200 - 1500	30mL - 2L	110 x 110	110 x 160 x 70	1.1		
SRS316AA	100 - 1500	50mL - 3L	160 x 160	160 x 203 x 75	1.3		
SRS710AA	30 - 1500	100mL - 7L	230 x 230	230 x 272 x 75	2.9	For Large Volume and High Viscosity Liquid	With rpm Display Auto-reverse Type (Reverse Interval : 15 sec - 4 min.)
SRS710DA	30 - 500				3.1		
SRS710RA	30 - 1500				2.7		

Hot Plate Stirrer



Precise Temperature and Stirring Control!

- Equipped with thermistor temperature control for precise temperature control of hot plate surface up to 300°C.
- Ceramic coated hot plate for chemical resistance.

MODEL	SPEED RANGE (rpm)	STIRRING CAPACITY	HOT PLATE Temp. (°C)	HOT PLATE Diameter (mm)	OVERALL DIMENSIONS (W x D x H) (mm)	WEIGHT (kg)	ACCESSORIES
SRS316HA	200 - 1500	50mL - 3L	50 - 300*	150mm	160 x 203 x 110	2.1	Stirring Bar 1
SRS710HA	100 - 1500	100mL - 7L	50 - 300*	202mm	230 x 272 x 110	3.7	

* Hot plate surface temperature without any sample.

Combination Stirrer Units

Combination with other units

- Magnetic Stirrer can be used with our "Water Bath" or "Oil Bath". This combination affords stable temperature control in various applications.
- Magnetic Stirrer can also be used with our Ultrafiltration Stirred Cell (UHP-holder).

Please contact us for detailed information about the Water (Oil) Bath and Ultrafiltration Stirred Cell.



SRS316AA + TBS181SA

SRS266PA + TBS451PA

Powerful Stirrer



SRSE10LA



SRSB10GA

Powerful and Stable!

- Equipped with a powerful magnet and can be used for industrial application.
- SRSB10LA and SRSE10LA are equipped with a large visible rpm meter.

MODEL	SPEED RANGE (rpm)	STIRRING CAPACITY	OVERALL DIMENSIONS (W x D x H) (mm)	WEIGHT (kg)	FEATURES	ACCESSORIES
SRSB10LA	70 - 1300	10L - 20L	365 x 385 x 210	11.0	With Hot Plate (Max. 250°C)	Stirring Bar 1
SRSE10LA	50 - 650	20L - 50L	405 x 425 x 284	29.0		
SRSB10GA	70 - 1300	10L - 20L	365 x 370 x 250	16.0		

Multi-Position Stirrer



SRS246PA



SRS266PA

Multiple Stirring with Powerful and Precise Control!

- Each stirring position has a powerful rare-earth magnet and electronic control circuit.
- Can be controlled in a wide range of rotation, from low to high speed, simply by turning the switch at each stirring position.
- Interlock-mode is available for SRS360YA.

MODEL	SPEED RANGE (rpm)	STIRRING CAPACITY	STIRRING Point	OVERALL DIMENSIONS (W x D x H) (mm)	WEIGHT (kg)	ACCESSORIES
SRS246PA	100 - 1500	30mL - 2L	4 points	300 x 315 x 120	7.0	Mat 4 pcs / Stirring Bar 4 pcs
SRS266PA			6 points	450 x 315 x 120	9.5	Mat 6 pcs / Stirring Bar 6 pcs
SRS360YA			6 points	585 x 415 x 120	15.0	

Multi-Position Hot Plate Stirrer



SRS266TA

Multiple Stirring/Heating with Powerful and Precise Control!

- Rotation speed and temperature can be controlled individually for each position.
- Equipped with thermistor temperature control for precise temperature control of hot plate surface up to 300°C.
- Ceramic coated hot plate for chemical resistance.

MODEL	SPEED RANGE (rpm)	STIRRING CAPACITY	STIRRING Point	HOT PLATE Temp. (°C)	EACH HOT PLATE Diameter (mm)	OVERALL DIMENSIONS (W x D x H) (mm)	WEIGHT (kg)	ACCESSORIES
SRS266TA	200 - 1500	50mL - 2L	6 points	Max 300°C	150mm	520 x 370 x 160	16.0 Kg	Stirring Bar 6 pcs

Stirring Bars



Hard PE A PTFE A PTFE TS PTFE SR
 Hard Glass B PTFE SA PTFE SF
 Hard Glass C

Advantec has a wide variety of Stirring Bars

A wide variety of magnetic stirring bars are available in various shapes and materials suitable for different vessel sizes and shapes allowing for different types of solutions.

Hard PE A

Application : Standard
 Maximum Temperature : 120°C

Model	SR000120	SR000130	SR000140	SR000150	SR000160	SR000170	SR000180	SR000190	SR000200	SR000210
Size (mm)	10	15	20	25	35	45	60	80	100	120

Hard Glass B

Application : Standard
 Maximum Temperature : 500°C

Model	SR000220	SR000230	SR000240	SR000250	SR000260
Size (mm)	15	20	25	35	45

Hard Glass C

Application : Small Volume
 Maximum Temperature : 500°C

Model	SR000270	SR000280	SR000290	SR000300
Size (mm)	15	25	35	45

PTFE A

Application : Thick Cylindrical Type
 Maximum Temperature : 250°C

Model	SR000310	SR000320	SR000330	SR000340	SR000350	SR000360	SR000370	SR000380	SR000390	SR000400
Size (mm)	6 x 15	9 x 28	11 x 36	13 x 43	15 x 52	15 x 60	15 x 70	16 x 80	16 x 90	16 x 100

PTFE SA

Application : Thin Cylindrical Type
 Maximum Temperature : 250°C

Model	SR000410	SR000420	SR000430	SR000440	SR000450	SR000460	SR000470	SR000480	SR000490
Size (mm)	4 x 10	5 x 15	7 x 20	8 x 25	8 x 30	8 x 35	8 x 40	8 x 45	8 x 50

PTFE TS

Application : Octagon Type
 Maximum Temperature : 250°C

Model	SR000520	SR000530	SR000540	SR000550	SR000560	SR000500	SR000510
Size (mm)	6.5 x 15	6.5 x 20	7.5 x 25	7.5 x 30	7.5 x 35	10 x 40	10 x 45

PTFE SR

Application : Disc Type with fin / For High Viscosity Liquid
 Maximum Temperature : 250°C

Model	SR000570	SR000580	SR000590	SR000600	SR000610	SR000620	SR000630
Size (mm)	10 x 9	15 x 9	20 x 12	30 x 15	35 x 15	40 x 15	50 x 15

PTFE SF

Application : Football Type / For Round Bottom Flask
 Maximum Temperature : 250°C

Model	SR000640	SR000650	SR000660
Size (mm)	10 x 25	15 x 35	20 x 45