

## Magnetic Stirrer RCX-1000S·1000D·1000H



### Optional panel



RCX-1000S

### Protection cap



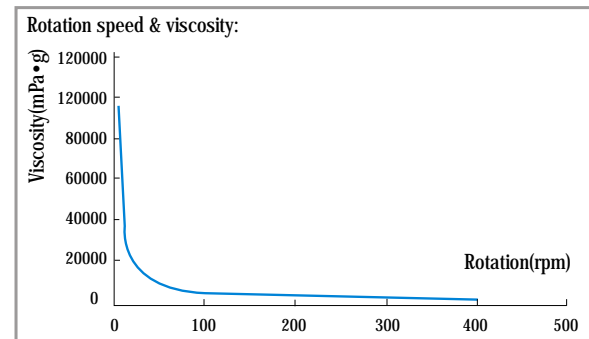
RCX-1000D

### Service outlet



RCX-1000H

### Data



Strong magnetic line goes upward and implements stable stirring even when sample vessels are apart from table top when using water bath or oil bath.

### Features

- Powerful magnetic stirrer which can stir high viscosity sample in the bath.
- Strong upward magnetic force realizes stable stirring even when vessel is apart from table-top.
- Plural vessels apart from table-top can be stirred.
- Optional pole is available to fix unstable vessels to either left or right side or backside.
- Square and low table-top ensures stable placing of bath on the top.
- Equipped with silicon mat to secure stable and precise positioning of vessel and bath.
- Strong anti-chemical stainless steel material is used for main unit.
- Protection cap is placed on switches to prevent affect by solvents stuck on finger.
- Table-top and heater are coated with ceramic which realizes high resistance against heat, chemicals and ware.
- Service outlet is equipped to be used as power supply when using oil bath.

### Specifications

Product name	Magnetic Stirrer			
Model	RCX-1000S	RCX-1000D	RCX-1000H	
Cat.No.	195548	195540	195558	195550
Rotation speed (at no load)	100~1300rpm			
Maximum temperature	—		Max.300°C (Plate surface)	
Stirring capacity	10mL~3L (water)			
Rotation speed setting	Volume setting			
Rotation speed display	—		Digital display, min. scale from —	
Temperature setting	—		Volume setting	
Safety functions	Fuse		Fuse, Thermo-fuse	
Motor	DC Brushless Servo motor. Output 15W			
Magnet	Rare earth magnet			
Heater	—		250W	
Main unit material	Stainless steel (SUS304). Baked finish Melanin resin paint			
Service outlet	AC220V, 4.5A	AC100V, 10A	AC220V, 4.5A	AC100V, 10A
Stirrer dimensions (mm)•Material	200W*200D (SUS304)		Aluminum die cast	
Ambient temperature	5~35°C			
Overall dimensions (mm)	200W*200(207)*D92H		200W*200(207)D*130H	
Weight	3.8kg		4.2kg	
Input power	0.9A, 200VA	2A, 200VA	0.9A, 200VA	2A, 200VA
Power source	AC220A, 50/60HZ	AC100A, 50/60HZ	AC220A, 50/60HZ	AC100A, 50/60HZ
Accessories	Silicon mat. Table-top cover			

## Magnetic Stirrer with Heater ERC-1000H • ITP-1000



### Operation panel



### Features

- The unit features magnetic induction rotation mechanism without use of motor. There is no vibration or rotation speed change to be caused by motor.
- Micro-step driving enables low speed(15rpm) operation.
- Stable magnet and highly precise speed control make the unit an outstanding instrument with high reproducibility.
- There are no driving parts and the unit is maintenance free.
- Fast heating is realized by a new hotplate technology.
- Cleaning is easy thanks to the chemical-resistive ceramic top.
- Optional pole makes it possible to fix vessels or attach various shapes of sensors.

### Specifications

Product Name	Magnetic Stirrer with Heater		
Model	ERC-1000H		
Cat.No	198959	198958	198950
Rotation speed range (at no load)	15-1250rpm		
Temperature range	RT to 280°C		
Sifting volume	15L (water)		
Rotation speed setting	Volume setting		
Temperature setting	Volume setting		
Heater	480W		
Heating Plate dimensions (mm)	ø135		
Ambient temperature	5-40°C		
Overall dimensions(mm)	160W*280D*85H		
Weight	3.2kg		
Input power	5.5A 630VA	2.9A 630VA	6.3A 630VA
Power source	AC115V 50/60Hz	AC220V 50/60Hz	AC100V 50/60Hz

### Optional accessories

- Pole H16V Cat.No.198980
- Clamp H44 Cat.No.216190
- Arbor H36 Cat.No.216200

## Temperature Controller ITP-1000

### Features

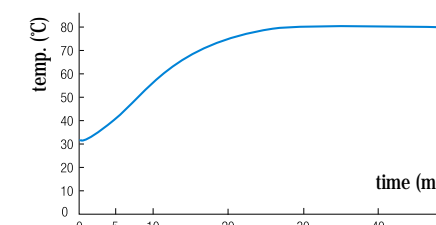
- Temperature control with minimal overshoot
- This is a fuzzy control temperature controller that can be used with the ERC-1000H. It is suitable for tests requiring a temperature with minimal overshoot.
- When an aluminum block is placed on the hot plate, block temperature can be controlled precisely.
- There are 3 control modes: variable control, memory control and safety control. These controls are selectable depending on the working conditions.

### Specifications

Product Name	Temperature controller
Model	ITP-1000
Cat.No	205050
Adjustable temp. range	-10 to 400°C
Temp. adjustment accuracy	±1K
Temp. control	Fuzzy control
Temp. setting & Display	Digital
Temperature sensor	PT1000Ω Diameter: 3mm Length: 230mm
Overall dimension (mm)	50W*35D*96H

### Data

ERC-1000 set temp. 80°C  
Sample: water 400ml  
Temperature controller: ITP-1000



ITP-1000