



MS-ES



ES308, ES309



- Stirring mantles for round bottom flask
- Designed with stirring and heating at one body
- Control speed and temperature independently and separately
- Smooth start/stop function
- Max. temperature : 450°C
- Ceramic fiber with strong thermal resistance

Features

- ▶ Stirring mantle of the standard type with temperature and easy to use
- ▶ Consist of magnetic stirrer and heating mantle on one body, control temperature and stirring concurrently, control temperature and stirring independently
- ▶ Heating temperature is controlled by analog temperature controller and controlled effectively from low temperature to high temperature
- ▶ Maintain stirring speed accurately and uniformly by feedback control
- ▶ Smooth acceleration of stirring speed ensures no spillage.
- ▶ "Power On" and "Heater On" and "Stirrer On" indicating lamp
- ▶ Inner mantle part of the heating element consists of soft glass fiber, protected from damage of the flask and excellent contact between the heating element and flask and heating effectiveness is excellent
- ▶ Ceramic fiber with strong thermal-resistance has excellent thermal insulation and double housing design (ES301~ES307) maintains low temperature of the mantle surface for user's safety
- ▶ With thermal resistance and durability bearing at the inner temperature over 450°C, strong aluminum housing and powder coating with corrosion-proof

General Specifications

- ▶ Heating Element Temperature : Up to 450°C max.
- ▶ Temp. Controller : Analog temperature controller (Built-in K type sensor)
- ▶ Speed control : Feedback control
- ▶ Stirring display : Scale(rpm)
- ▶ Stirring speed : 100~1500 rpm
- ▶ Thermal insulation : Ceramic fiber
- ▶ Material
 - └ Mantle : Powder coated aluminum case.
 - └ Body : Polypropylene.
- ▶ Support Rod Clamp : For 12.7mm dia. Support rods (with 100ml~5000ml)
- ▶ Support Rod : Stainless steel Ø 12.7×400mm(Option)
- ▶ Power supply : 220V or 110V, 50/60HZ

Model	Capacity	Watts	Dimensions W × D × H(mm)	Internal (height : mm)	Weight (Kg)
ES 301	100ml	80	162×256×149	45	2.1
ES 302	250ml	150	162×256×162	60	2.2
ES 303	500ml	260	192×276×177	75	2.5
ES 304	1000ml	380	214×298×187	85	2.8
ES 305	2000ml	500	248×332×214	115	3.4
ES 306	3000ml	600	274×358×220	125	4.1
ES 307	5000ml	800	316×400×244	145	4.5
ES 308	10000ml	1300	390×470×300		
ES 309	20000ml	2000	460×540×340		

