



EAMD9402-06



EAMD9402-03

- Independent and separate control function
- Accurate temperature control by PID auto-tuning function
- Max. temperature: 450°C
- Ceramic fiber with strong thermal resistance
- Stainless steel top cover with corrosion-proof

Features

- ▶ Extraction mantle with built-in PID controller
- ▶ Ideal for the experiment processes for repeated extraction, back flowing, distillation for the fields of foods, fiber, surroundings, petroleum, chemicals
- ▶ Independent and separate temperature control at each different condition
- ▶ By use of the temperature controller with function of the built-in digital PID auto-tuning, control temperature accurately and confirm set temperature and actual temperature at the same time
- ▶ Temperature controller with function of the built-in timer(99hr59min)
- ▶ 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 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 metal housing and powder coating with corrosion-proof
- ※ External temperature sensor(Optional) for the control of the sample temperature and the precise experiment
- ※ Glassware is not included

General Specifications

- ▶ Heating Element Temperature : Up to 450°C max.
- ▶ Temp. Controller : Digital PID auto-tuning
- ▶ Temp. Accuracy : $\pm 1^\circ\text{C}$ (on using external sensor)
- ▶ Timer : 99hr 59min
- ▶ Sensor Probe : k Type
- ▶ Thermal Insulation : Ceramic fiber
- ▶ Material : Powder coated metal case
- ▶ Top Surface : Stainless steel
- ▶ Support Rods : $\varnothing 12.7\text{mm}$ dia.(standard)
- ▶ Power Supply : 220V or 110V 50/60 Hz

Model	Capacity	Watts	Number of positions	Dimensions W × D × H(mm)	Internal (height : mm)	Weight (Kg)	Price
EAMD 9401-03	100ml	80W × 3	3	470×260×140	45	5.8	
EAMD 9402-03	250ml	150W × 3	3	520×280×160	60	7.2	
EAMD 9403-03	500ml	260W × 3	3	580×300×175	75	8.5	
EAMD 9404-03	1000ml	380W × 3	3	670×330×185	85	10.2	
EAMD 9401-06	100ml	80W × 6	6	950×260×140	45	11.7	
EAMD 9402-06	250ml	150W × 6	6	1040×280×160	60	14.5	
EAMD 9403-06	500ml	260W × 6	6	1150×300×175	75	16.7	
EAMD 9404-06	1000ml	380W × 6	6	1340×330×185	85	20	