

# Heating Mantles





## Heating Mantles

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# Heating Mantles

## | 사용용도 |

실험실의 규격 유리용기를 중심으로 금속용기, Pipe, Reactor 등, 특수한 용기의 가열, 가온, 보온 등.

## | 특 징 |

온도(전압) 조절 기능 내장 및 Control 분리형 제품으로 사용자의 사용에 맞게 선택 할 수 있습니다.

가열부위(가열체)를 Fiber Glass를 사용, 수작업(Hand Made)으로 직조하여,

1 Flask(Beaker) 탈착시 열선(Heat Wire)이 이탈되지 않습니다.

2 가열부위(발열체)의 모양이 변형되지 않습니다.

3 열손실이 적습니다.

※ 제품 주문 전, 기기의 용량과 사용 용기의 용량(Size) / 제작회사 브랜드 등을 파악한 후 이에 적합한 제품을 구매하시기 바랍니다. 구매 후 사용하기 전 용기를 탈착 후 약 30분정도 가열(Fiber Class 재질로 인하여 연기가 발생하므로) 후 사용하기 바랍니다.

## | 제품사양 |

Case Construction : steel, with chemically resistant powder coating

Thermal Insulation : Asbestos free ceramic wool. ( fiber glass)

Heating Element : Ni-chrome wire.

Mantle : Woven glass fiber mat.

Heating Element Temperature : Up to 450 °C, Maximum.(열선 부분 온도)

Power Supply : AC 115V, 60Hz (UL)

AC 115V or 230V (50/60Hz)

## Model 설명

**GL HMP - F 100 - 6H**

GLOBAL LAB

Multi type

Capacity

F : Flask  
B : Beaker

3H-  
3positions

6H-  
6positions

Single type

HMR : Control without (별도의 조절기와 결합해서 사용)

HMP : Analog Control

HMD : Digital Control

HMS : Heating & Magnetic Stirrer (Analog Control)

HMSD : Heating & Magnetic Stirrer (Digital Control)

Muti type

CM : Combination Mantles (Analog Control)

CMD : Combination Mantles (Digital Control)

CMS : Combination Mantles & Magnetic Stirrers (Analog Control)

CMSD : Combination Mantles & Magnetic Stirrers (Digital Control)

# Heating Mantles

UL Certified Model



GLHMP (UL)



Model		Capacity	Wattage	Control Method	Dimensions (Ø×Hmm)	Weight	Power Supply
GLHMP	Flask	Beaker					
	F10	B10	100ml	90W		1.4kg	115V 60Hz
	F25	B25	250ml	160W		1.4kg	
	F50	B50	500ml	240W	proportional	1.6kg	
	F100	B100	1,000ml	350W	voltage control	2.2kg	
	F200	B200	2,000ml	500W		3.5kg	
	F300	B300	3,000ml	600W		4.3kg	
	F500	B500	5,000ml	900W		6kg	

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# Heating Mantles

## Heating Mantles & Magnetic Stirrers



GLHMR



GLHMP



GLHMS



(외장형)



GLHMD (100ml ~1l )



GLHMD (2l ~20l )



GLHMSD (100ml ~1l )



GLHMSD (2l ~5l )

# Heating Mantles

## GLHMR Series / GLHMP Series

Model		Capacity	Wattage	Control Method	Dimensions (Ø×Hmm)	Weight	Power Supply	
GLHMR GLHMP	Flask	Beaker	100mℓ	GLHMR Series : 별도의 Controller와 결합해서 사용  GLHMP Series : Analog	170×135	1.4kg	115V or 230V 50/60Hz	
	F10	B10						
	F25	B25	250mℓ		150W	170×135		1.4kg
	F50	B50	500mℓ		230W	200×150		1.6kg
	F100	B100	1,000mℓ		330W	240×165		2.2kg
	F200	B200	2,000mℓ		470W	280×180		3.5kg
	F300	B300	3,000mℓ		570W	310×205		4.3kg
	F500	B500	5,000mℓ		850W	350×230		6kg
	F1000	B1000	10,000mℓ		1,400W	Flask 420×300		9kg
	F2000	B2000	20,000mℓ		1,800W	Beaker 350×230		6.5kg
				Flask 470×280	10.5kg			
				Beaker 420×370	10kg			

## GLHMD Series

Model		Capacity	Wattage	Control Method	Dimensions (W×D×Hmm or Ø×Hmm)	Weight	Power Supply	
GLHMD	Flask	Beaker	100mℓ	Digital	200×200×200	4kg	115V or 230V 50/60Hz	
	F10	B10						
	F25	B25	250mℓ		150W	200×200×200		4kg
	F50	B50	500mℓ		230W	200×200×200		4kg
	F100	B100	1,000mℓ		330W	200×200×210		4.3kg
	F200	B200	2,000mℓ		470W	280×180		4.5kg
	F300	B300	3,000mℓ		570W	310×205		5.3kg
	F500	B500	5,000mℓ		850W	350×230		7kg
	F1000	B1000	10,000mℓ		1,400W	Flask 420×300		10kg
	F2000	B2000	20,000mℓ		1,800W	Beaker 350×230		7.5kg
				Flask 470×280	11.5kg			
				Beaker 420×370	11kg			

## GLHMS Series

Model		Capacity	Wattage	Control Method	Dimensions (Ø×Hmm)	Weight	Power Supply	
GLHMS	Flask	Beaker	100mℓ	Analog rpm : 100~1,700rpm	170×165	2.4kg	115V or 230V 50/60Hz	
	F10	B10						
	F25	B25	250mℓ		150W	170×165		2.4kg
	F50	B50	500mℓ		230W	200×180		2.6kg
	F100	B100	1,000mℓ		330W	240×185		3.2kg
	F200	B200	2,000mℓ		470W	280×210		4.2kg
	F300	B300	3,000mℓ		570W	310×235		5.3kg
	F500	B500	5,000mℓ		850W	350×260		7kg

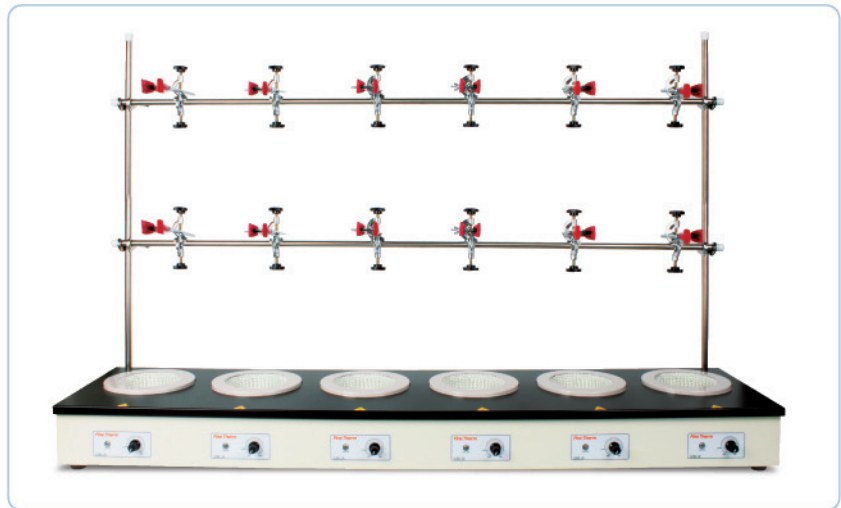
## GLHMSD Series

Model		Capacity	Wattage	Control Method	Dimensions (W×D×Hmm or Ø×Hmm)	Weight	Power Supply	
GLHMSD	Flask	Beaker	100mℓ	Digital rpm : 100~1,200rpm	220×220×220	4.8kg	115V or 230V 50/60Hz	
	F10	B10						
	F25	B25	250mℓ		150W	220×220×220		4.8kg
	F50	B50	500mℓ		230W	220×220×220		5kg
	F100	B100	1,000mℓ		330W	220×220×220		5.2kg
	F200	B200	2,000mℓ		470W	280×210		5.7kg
	F300	B300	3,000mℓ		570W	210×235		6.8kg
	F500	B500	5,000mℓ		850W	350×260		8.5kg

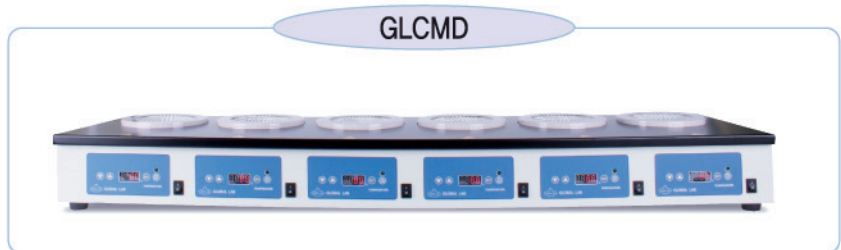
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# Heating Mantles

## Combination Mantles & Magnetic Stirrers



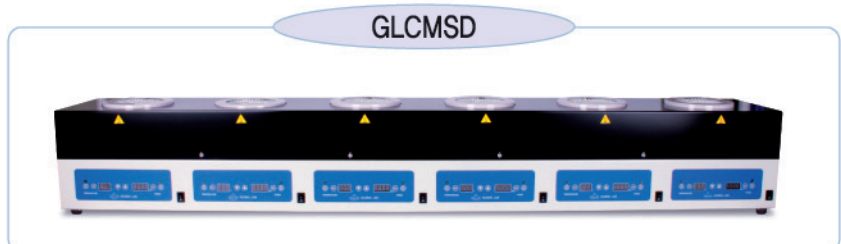
GLCM



GLCMD



GLCMS



GLCMSD



# Heating Mantles

## GLCM Series

Model		Capacity	Wattage	Control Method	Dimensions (W×D×Hmm)	Weight	Power Supply
GLCM	F25	3H	250ml	Analog	150W×3positions	550×280×115	115V or 230V 50/60Hz
		6H			150W×6positions	1045×280×115	
	F50	3H	500ml		230W×3positions	610×280×115	
		6H			230W×6positions	1200×280×115	
	F100	3H	1,000ml		330W×3positions	620×300×120	
		6H			330W×6positions	1225×300×120	

## GLCMD Series

Model		Capacity	Wattage	Control Method	Dimensions (W×D×Hmm)	Weight	Power Supply
GLCMD	F25	3H	250ml	Digital	150W×3positions	550×280×115	115V or 230V 50/60Hz
		6H			150W×6positions	1045×280×115	
	F50	3H	500ml		230W×3positions	610×280×115	
		6H			230W×6positions	1200×280×115	
	F100	3H	1,000ml		330W×3positions	620×300×120	
		6H			330W×6positions	1225×300×120	

## GLCMS Series

Model		Capacity	Wattage	Control Method	Dimensions (W×D×Hmm)	Weight	Power Supply
GLCMS	F25	3H	250ml	Analog rpm : 100~1,700rpm	150W×3positions	620×240×220	115V or 230V 50/60Hz
		6H			150W×6positions	1220×240×220	
	F50	3H	500ml		230W×3positions	620×240×220	
		6H			230W×6positions	1220×240×220	
	F100	3H	1,000ml		330W×3positions	620×240×230	
		6H			330W×6positions	1220×240×230	

## GLCMSD Series

Model		Capacity	Wattage	Control Method	Dimensions (W×D×Hmm)	Weight	Power Supply
GLCMSD	F25	3H	250ml	Digital rpm : 100~1,200rpm	150W×3positions	730×220×220	115V or 230V 50/60Hz
		6H			150W×6positions	1430×220×220	
	F50	3H	500ml		230W×3positions	730×220×220	
		6H			230W×6positions	1430×220×220	
	F100	3H	1,000ml		330W×3positions	730×220×230	
		6H			330W×6positions	1430×220×230	

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