



HEATING MANTLE

HEATING MANTLE BER1BS1 TO BER1BS10

ELECTRONIC CONTROL HEATING MANTLE



1. Electronic temperature regulation mode with characteristics of stepless speed adjustable.
2. Up to 450°C general heating.

SPECIFICATIONS

Model	BER1BS1	BER1BS2	BER1BS3	BER1BS4	BER1BS5
Function					
Capacity(ml)	50	100	250	500	1000
Heating Mode	Surface heat-conduction				
Surface Max.Temp.(°C)	450°C				
Structure					
Heating Element	Nichrome wire				
Shell	Cold roller steel plate, surface spraying				
Insulation Layer	High quality aluminum silicate cotton				
Heat Power (kW)	0.08	0.1	0.15	0.25	0.35
Controller					
Working Mode	Continuous				
Speicification					
Exterior Size (mm)	Φ220x165				Φ280x220
Packing Size (mm)	230x230x195				290x290x300
Voltage(V)	100~120V or 200~240V				
N.W.(Kg)	2.5				5.5
G.W.(Kg)	2.8				6
Alt Name	Electronic Control Heating Mantle				

Model	BER1BS6	BER1BS7	BER1BS8	BER1BS9	BER1BS10
Function					
Capacity(ml)	2000	3000	5000	10000	20000
Heating Mode	Surface heat-conduction				
Surface Max.Temp.(°C)	450°C				
Structure					
Heating Element	Nichrome wire				
Shell	Cold roller steel plate, surface spraying				
Insulation Layer	High quality aluminum silicate cotton				
Heat Power (kW)	0.45	0.6	0.8	1.2	2.5
Controller					
Working Mode	Continuous				
Specification					
Exterior Size (mm)	Φ330x230	Φ340x245	Φ350x250	Φ425x320	Φ470x340
Packing Size (mm)	340x340x350	360x360x300	390x390x310	430x430x350	510x510x380

Voltage(V)	100~120V or 200~240V	200~240V			
N.W.(Kg)	6.5	7.5	8	9.8	16
G.W.(Kg)	7	8	9.2	12	20
Alt Name	Electronic Control Heating Mantle				



MORE INFO

We can produce different size heating mantle as customer' s requirement. For example: 4000ml,6000ml,50 liters, 100 liters and etc.

HEATING MANTLE BER1BT1 TO BER1BT10

MAGNETIC STIRRING HEATING MANTLES



1. Heating and stirring can be used simultaneously, stepless speed adjustable.
2. Up to 450° T general heating equipment.

SPECIFICATIONS

Model	BER1BT1	BER1BT2	BER1BT3	BER1BT4	BER1BT5
Function					
Capacity	50ml	100ml	250ml	500ml	1000ml
Heating Mode	Surface heat-conduction				
Surface Max.Temp.(°C)	450°C				
Speed Range	0 - 1600rpm				
Structure					
Heating Element	Nichrome wire				
Stir Bar	PTFE				
Insulation Layer	High quality aluminum silicate cotton				
Shell	Cold roller steel plate, surface spraying				
Motor Power	0.01kW				
Heating Power (kW)	0.08	0.1	0.15	0.25	0.35
Controller					
Working Mode	Continuous				
Specification					
Exterior Size (mm)	Φ220x165				Φ280x220
Packing Size (mm)	230x230x195				290x290x300
Voltage(V)	100-120V or 200-240V				

N.W. (Kg)	2.5				5.5
G.W. (Kg)	2.8				6
Alt Name	Magnetic Stirring Heating Mantles				
Model	BER1BT6	BER1BT7	BER1BT8	BER1BT9	BER1BT10
Function					
Capacity	2000ml	3000ml	5000ml	10000ml	20000ml
Heating Mode	Surface heat-conduction				
Surface Max.Temp.(°C)	450°C				
Speed Range	0 - 1600rpm				
Structure					
Heating Element	Nichrome wire				
Stir Bar	PTFE				
Insulation Layer	High quality aluminum silicate cotton				
Shell	Cold roller steel plate, surface spraying				
Motor Power	0.01kW				
Heating Power (kW)	0.45	0.6	0.8	1.2	2.5
Controller					
Working Mode	Continuous				
Specification					
Exterior Size (mm)	Φ330x230	Φ340x245	Φ350x250	Φ425x320	Φ470x340
Packing Size (mm)	340x340x350	360x360x300	390x390x310	430x430x350	510x510x380
Voltage(V)	100-120V or 200-240V	200-240V			
N.W. (Kg)	6.5	7.5	8	9.8	16
G.W. (Kg)	7	8	9.2	12	20
Alt Name	Magnetic Stirring Heating Mantles				



MORE INFO

We can produce different size heating mantle as customer' s requirement. For example: 4000ml,6000ml,50 liters, 100 liters and etc.

HEATING MANTLE BER1BU1 TO BER1BU10

DIGITAL DISPLAY HEATING MANTLE



1. PID single screen temperature controller. Fast heating, good temperature uniformity and high precise temperature control.
2. Several rows type, produce as customer inquiry, beautiful shape, easy to operate and effective. Beautiful shape, easy to operate and effective.
3. PT100 Temperature sensor, with adjustable sensor rack and stainless rods.
4. Up to 450°C general heating equipment.

SPECIFICATIONS

Model	BER1BU1	BER1BU2	BER1BU3	BER1BU4	BER1BU5
Function					
Capacity	50ml	100ml	250ml	500ml	1000ml
Heating Mode	Surface heat-conduction				
Surface Max.Temp.(°C)	450°C				
Temperature control range	RT+20~250°C				
Structure					
Heating Element	Nichrome wire				
Insulation Layer	High quality aluminum silicate cotton (with CE)				
Shell	Cold roller steel plate, surface spraying				
Heating Power (kW)	0.08	0.1	0.15	0.25	0.35
Controller					
Working Mode	Continuous				
Specification					
Exterior Size (mm)	Φ220x165				Φ280x220
Packing Size (mm)	230x230x195				290x290x300
Voltage(V)	100-120V or 200-240V				
N.W. (Kg)	2.5				5.5
G.W. (Kg)	2.8				6
Alt Name	Digital Display Heating Mantle				

Model	BER1BU6	BER1BU7	BER1BU8	BER1BU9	BER1BU10
Function					
Capacity	2000ml	3000ml	5000ml	10000ml	20000ml
Heating Mode	Surface heat-conduction				
Surface Max.Temp.(°C)	450°C				
Temperature control range	RT+20~250°C				
Structure					
Heating Element	Nichrome wire				
Insulation Layer	High quality aluminum silicate cotton (with CE)				
Shell	Cold roller steel plate, surface spraying				
Heating Power (kW)	0.45	0.6	0.8	1.2	2.5

Controller					
Working Mode	Continuous				
Specification					
Exterior Size (mm)	Φ330x230	Φ340x245	Φ350x250	Φ425x320	Φ470x340
Packing Size (mm)	340x340x350	360x360x310	390x390x310	430x430x350	510x510x380
Voltage(V)	100-120V or 200-240V	200-240V			
N.W. (Kg)	6.5	7.5	8	9.8	16
G.W. (Kg)	7	8	9.2	12	20
Alt Name	Digital Display Heating Mantle				



MORE INFO

We can produce different size heating mantle as customer's requirement. For example: 4000ml, 6000 ml 1.50 liters, 100 liters and etc.

HEATING MANTLE BER1BW1 TO BER1BW24

SEVERAL ROWS MAGNETIC STIRRING



1. 98-IV-B: Electronic temperature regulation heating mode.
2. 98-V-B: Electronic temperature regulation heating mode. heating and stirring can proceed simultaneously; stepless speed adjustment.
3. 98-V-B model without 100ml
4. Up to 450°C general heating stirring equipment.

SPECIFICATIONS

Model	BER1BW1	BER1BW2	BER1BW3	BER1BW4	BER1BW5	BER1BW6
Function						
Specification(ml)	2x100	2x250	2x500	2x1000	4x100	4x250
Heating Mode	Surface heat conduction					
Surface Max. Temperature	450℃					
Temp. Range	Rt+vfc20~250℃					
Speed Range	no					
Structure						
Heating Element	Nickel chromium alloy wire					
Stir Bar	no					
Outer Shell	Cold rolled steel plate, surface spraying					
Motor Power	no					
Heating Power (kW)	2x0.1	2x0.15	2x0.25	2x0.35	4x0.1	
Controller						
Work Model	Continuous					
Specification						

Exterior Size (mm)	280*140*106	360*180*170	420*200*200	530*140*170	530*140*160	610*160*170
Packing Size (mm)	320*180*190	360*220*190	470*250*190	570*180*190		650*190*200
Voltage	100-120V or 200-240V	200-240V			100-120V or 200-240V	200-240V
N.W. (Kg)	4			7	8	
G.W. (Kg)	5			8	10	
Alt Name	Heating Mantles					

Model	BER1BW7	BER1BW8	BER1BW9	BER1BW10	BER1BW11	BER1BW12
Function						
Specification(ml)	4x500	4x1000	6x100	6x250	6x500	6x1000
Heating Mode	Surface heat conduction					
Surface Max. Temperature	450℃					
Temp. Range	Rt+vfc20~250℃					
Speed Range	no					
Structure						
Heating Element	Nickel chromium alloy wire					
Stir Bar	no					
Outer Shell	Cold rolled steel plate, surface spraying					
Motor Power	no					
Heating Power (kw)	4x0.15	4x0.25	6x0.1	6x0.15	6x0.25	6x0.35
Controller						
Work Model	Continuous					
Specification						
Exterior Size (mm)	610*180*170	810*190*200	820*140*160	940*160*170	1060*180*190	1240*210*200
Packing Size (mm)	730*220*200	850*250*190		980*190*210	1100*220*210	1280*250*230
Voltage	200-240V					
N.W. (Kg)	8	14	12			21
G.W. (Kg)	10	16	15			24
Alt Name	Heating Mantles					

Model	BER1BW14	BER1BW15	BER1BW16	BER1BW18
Function				
Specification(ml)	2x250	2x500	2x1000	4x250
Heating Mode	Surface heat conduction			
Surface Max. Temperature	450°C			
Temp. Range	Rt+vfc20~250°C			
Speed Range	0-1400rpm			
Structure				
Heating Element	Nickel chromium alloy wire			
Stir Bar	PTFE			
Outer Shell	Cold rolled steel plate, surface spraying			
Motor Power	0.01kW			
Heating Power (kW)	2x0.15	2x0.25	2x0.35	4x0.1
Controller				
Work Model	Continuous			
Specification				
Exterior Size (mm)	360*180*170	420*200*200	530*140*170	610*160*170

Packing Size (mm)	360*220*190	470*250*190	570*180*190	650*190*200	
Voltage	200-240V				
N.W. (Kg)	4	7	8		
G.W. (Kg)	5	8	10		
Alt Name	Heating Mantles				
Model	BER1BW19	BER1BW20	BER1BW22	BER1BW23	BER1BW24
Function					
Specification(ml)	4x500	4x1000	6x250	6x500	6x1000
Heating Mode	Surface heat conduction				
Surface Max. Temperature	450℃				
Temp. Range	Rt+vfc20~250℃				
Speed Range	0-1400rpm				
Structure					
Heating Element	Nickel chromium alloy wire				
Stir Bar	PTFE				
Outer Shell	Cold rolled steel plate, surface spraying				
Motor Power	0.01kW				
Heating Power (kW)	4x0.15	4x0.25	6x0.15	6x0.25	6x0.35
Controller					
Work Model	Continuous				
Specification					
Exterior Size (mm)	610*180*170	810*190*200	940*160*170	1060*180*190	1240*210*200
Packing Size (mm)	730*220*200	850*250*190	980*190*210	1100*220*210	1280*250*230
Voltage	200-240V				
N.W. (Kg)	8	14	12	21	
G.W. (Kg)	10	16	15	24	
Alt Name	Heating Mantles				

MORE INFO

1. Accessories: Adjustable Sensor Rack with Stainless Steel Rods or Horizontal rods.
2. We can produce different rows heating mantle as a customer's requirement.

HEATING MANTLE BER1BV1 TO BER1BV10

DIGITAL & MAGNETIC STIRRING HEATING MANTLES



1. PID single screen temperature controller.
2. Heating and stirring can be used simultaneously, stepless speed adjustable.
3. PT100 temperature sensor, with adjustable sensor rack and stainless rods.
4. Up to 450°C general heating equipment.

SPECIFICATIONS

Model	BER1BV1	BER1BV2	BER1BV3	BER1BV4	BER1BV5
Function					
Capacity	50ml	100ml	250ml	500ml	1000ml
Heating Mode	Surface heat-conduction				
Surface Max.Temp.(°C)	450°C				
Temperature control range	RT+20~250°C				
Speed Range	0-1600rpm				
Structure					
Heating Element	Nichrome wire				
Stir Bar	PTFE				
Insulation Layer	High quality aluminum silicate cotton				
Shell	Cold roller steel plate, surface spraying				
Motor Power	0.01kW				
Heating Power (kW)	0.08	0.1	0.15	0.25	0.35
Controller					
Working Mode	Continuous				
Specification					
Exterior Size (mm)	Φ220x165				Φ280x220
Packing Size (mm)	230x230x195				290x290x300
Voltage(V)	100-120V or 200-240V				
N.W. (Kg)	2.5				5.5
G.W. (Kg)	2.8				6
Alt Name	Digital & Magnetic Stirring Heating				

Model	BER1BV6	BER1BV7	BER1BV8	BER1BV9	BER1BV10
Function					
Capacity	2000ml	3000ml	5000ml	10000ml	20000ml
Heating Mode	Surface heat-conduction				
Surface Max.Temp.(°C)	450°C				
Temperature control range	RT+20~250°C				
Speed Range	0-1600rpm				
Structure					
Heating Element	Nichrome wire				
Stir Bar	PTFE				
Insulation Layer	High quality aluminum silicate cotton				
Shell	Cold roller steel plate, surface spraying				
Motor Power	0.01kW				
Heating Power (kW)	0.45	0.6	0.8	1.2	2.5
Controller					
Working Mode	Continuous				
Specification					
Exterior Size (mm)	Φ330x230	Φ340x245	Φ350x250	Φ425x320	Φ470x340
Packing Size (mm)	340x340x350	360x360x310	390x390x310	430x430x350	510x510x380
Voltage(V)	100-120V or 200-240V	200-240V			
N.W. (Kg)	6.5	7.5	8	9.8	16
G.W. (Kg)	7	8	9.2	12	20
Alt Name	Digital & Magnetic Stirring Heating				



MORE INFO

We can produce different size heating mantle as customer' s requirement. For example: 4000ml,6000ml,50 liters, 100 liters and etc.



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