



HOTPLATE

HOTPLATE BER1BX1 TO BER1BX10

HOT PLATE



1. Aluminum hot plate, uniform surface temperature
2. up fast and uniform, heating power is stepless adjustable
3. Digital hot plate has the more functions as follows:
4. Digital display can read the temperature more clearly.
5. Uniform temperature hot plate.

SPECIFICATIONS

Model	BER1BX1	BER1BX2	BER1BX3	BER1BX4	BER1BX5
Function					
Working Time	Continuous				
Max Temp. (°C)	350°C				
Sturcture					
Outer Shell	Iron plate welding, surface spraying				
Hot Plate	Aluminum tensile				
Heating Power(W)	1200	1800	2000	2600	3000
Controller					
Continuous Operation	Yes				
Setting Method	Scale / Digital				
Timer	No / Digital				
Operation Function	No				
Temperature Sensor	K Mode				
Specification					
Exterior Size (W*L*H)(cm)	30*30*18	35*45*18	40*40*18	35*60*18	40*60*18
Packing Size (W*L*H)(cm)	34*37*22	42*50*22	45*47*22	42*65*22	47*65*22
Plate Size (mm)	300*300	350*450	400*400	350*600	400*600
Plate Load	20KG	30KG		38KG	40KG
Power Supply (50/60Hz)	220V				
NW/GW (kg)	6.2/7	8.4/9.6	8.5/9.8	11/13	12/14.2
Alt Name	Hot Plate				
Model	BER1BX6	BER1BX7	BER1BX8	BER1BX9	BER1BX10
Function					
Working Time	Continuous				
Max Temp. (°C)	350°C				
Structure					
Outer Shell	Iron plate welding, surface spraying				
Hot Plate	Aluminum tensile				
Heating Power(W)	1200	1800	2000	2600	3000
Controller					
Continuous Operation	Yes				
Setting Method	Scale / Digital				
Timer	No / Digital				

Operation Function	No				
Temperature Sensor	K Mode				
Specification					
Exterior Size (W*L*H)(cm)	30*30*18	35*45*18	40*40*18	35*60*18	40*60*18
Packing Size (W*L*H)(cm)	34*37*22	42*50*22	45*47*22	42*65*22	47*65*22
Plate Size (mm)	300*300	350*450	400*400	350*600	400*600
Plate Load	20KG	30KG		38KG	40KG
Power Supply (50/60Hz)	220V				
NW/GW (kg)	6.2/7	8.4/9.6	8.5/9.8	11/13	12/14.2
Alt Name	Hot Plate				



HOTPLATE BER1BY1 TO BER1BY9

NEW HOT PLATE, GRAPHITE HOT PLATE



Hotplate BER1BY1

1. hot plate or Graphite hot plate, uniform surface temperature.
2. up fast and uniform.
3. Digital hot plate: digital display indicating temperature of hot plate clearly.

SPECIFICATIONS

Model	BER1BY1	BER1BY2	BER1BY3
Function			
Max Temp. (°C)	320°C	350°C	400°C
Structure			
Outer Shell	Iron plate welding, surface spraying		
Hot plate	Aluminum tensile		Graphite Plate
Heating Power (W)	800	1200	1800
Setting Method	Scale	Digital	
Timer	No / Digital		
Temperature Sensor	K model		
Temp. Accuracy	±10%	±1%	
Plate Temp. Uniformity	±15%	±10%	
Specification			
Exterior Size (W*L*H) (mm)	340*370*220		
Packing Size (W*L*H) (mm)	520*380*250		550*410*270
Plate Size (mm)	300*300		

Plate Load	20KG		
Power Supply (50/60Hz)	220V		
NW/GW (kg)	9/10	12/13.5	
Alt Name	New Hot Plate	Graphite Hot Plate	
Model	BER1BY4	BER1BY5	BER1BY6
Function			
Max Temp. (°C)	320°C	350°C	400°C
Structure			
Outer Shell	Iron plate welding, surface spraying		
Hot plate	Aluminum tensile		Graphite Plate
Heating Power (W)	1500	2400	3000
Setting Method	Scale	Digital	
Timer	No / Digital		
Temperature Sensor	K model		
Temp. Accuracy	±10%	±1%	
Plate Temp. Uniformity	±15%	±10%	
Specification			
Exterior Size (W*L*H) (mm)	420*500*220		
Packing Size (W*L*H) (mm)	560*520*250		600*560*270
Plate Size (mm)	450*350		
Plate Load	30KG		
Power Supply (50/60Hz)	220V		
NW/GW (kg)	11/12		19/20
Alt Name	New Hot Plate	Graphite Hot Plate	
Model	BER1BY7	BER1BY8	BER1BY9
Function			
Max Temp. (°C)	320°C	350°C	400°C
Structure			
Outer Shell	Iron plate welding, surface spraying		
Hot plate	Aluminum tensile		Graphite Plate
Heating Power (W)	2200	3500	4500
Setting Method	Scale	Digital	
Timer	No / Digital		
Temperature Sensor	K model		
Temp. Accuracy	±10%	±1%	
Plate Temp. Uniformity	±15%	±10%	
Specification			
Exterior Size (W*L*H) (mm)	470*650*220		
Packing Size (W*L*H) (mm)	660*620*250		700*660*270
Plate Size (mm)	600*400		
Plate Load	40KG		
Power Supply (50/60Hz)	220V		
NW/GW (kg)	15/17		28/30
Alt Name	Hot Plate	Graphite Hot Plate	



FEATURES BER1BY1 BER1BY2 BER1BY3 BER1BY4 BER1BY5 BER1BY6 BER1BY7

1. hot plate or Graphite hot plate, uniform surface temperature.
2. up fast and uniform.
3. Digital hot plate: digital display indicating temperature of hot plate clearly.

FEATURES BER1BY8 BER1BY9

1. hot plate or Graphite hot plate, uniform surface temperature.
2. up fast and uniform.
3. Digital hot plate: digital display indicating temperature of hot plate clearly.

1. hot plate or Graphite hot plate, uniform surface temperature.
 2. up fast and uniform.
 3. Digital hot plate: digital display indicating temperature of hot plate clearly.
- Note: without plug.

HOTPLATE BFL1Z1

LCD DIGITAL HOTPLATE



Maximum heating temperature is 380°C
 High resolution LCD displays actual temperature
 Aluminum ceramic coating work plate, allowing immediate heat transfer
 External temperature control is possible with temperature sensor PT1000

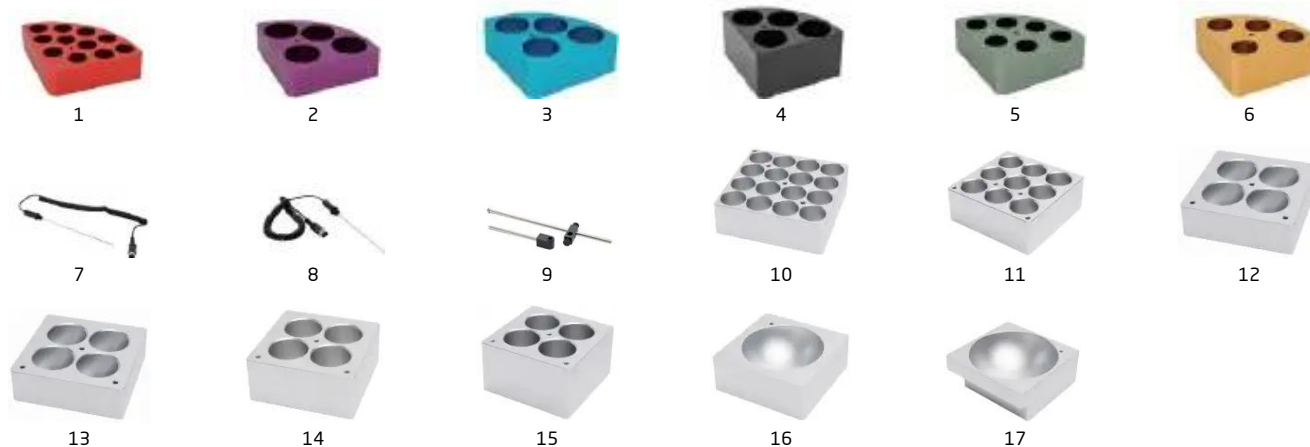
SPECIFICATIONS

Model	BFL1Z1
Work plate Dimension [W x D]	140x140mm (6 inch)
Work plate material	Aluminum cover with ceramic coating
Heating position	1
Heating temperature range	Room temp.-380°C increment 1°C
Over heat Protection	420°C
Temperature, time display	LCD
Temperature display accuracy	±1°C

External temperature sensor	PT1000($\pm 0.2^{\circ}\text{C}$)
Protection class	IP21
Power	510W
Heating output	500W
Voltage, Frequency	100-120/200-240V, 50/60Hz
Dimension[WxDxH]	180x320x108mm
Weight	2.2kg
Permissible ambient temperature and humidity	5-40°C, 80%RH
Alt Name	LCD Digital Hotplate

ACCESSORIES FOR PURCHASE

No	Name	Description
1	Red quarter pie	11 holes, 4mL reaction vessel, $\varnothing 15.2\text{mm}$, 20mm depth
2	Purple quarter pie	4 holes, 20mL reaction vessel, $\varnothing 28\text{mm}$, 24mm depth
3	Orange quarter pie	4 holes, 30mL reaction vessel, $\varnothing 28\text{mm}$, 30mm depth
4	Black quarter pie	4 holes, 40mL reaction vessel, $\varnothing 28\text{mm}$, 43mm depth
5	Green quarter pie	6 holes, 8mL reaction vessel, $\varnothing 17.8\text{mm}$, 26mm depth
6	Golden quarter pie	4 holes, 16mL reaction vessel, $\varnothing 21.6\text{mm}$, 31.7mm depth
7	Temperature sensor	PT1000-A, length of 230mm
8	Temperature sensor	PT1000-B, temperature sensor with glass coated, length 230mm
9	Support clamp	Support clamp of PT1000 Vertical bar length: 38cm, stems length: 18cm, stem diameter: 10cm
10	Square Module	Square Module, capacity of 16 x 4mL flat bottom, hole dimensions: $\varnothing 15.2 \times 18.5\text{mm}$
11	Square Module	Square Module, capacity of 16 x 8mL flat bottom, hole dimensions: $\varnothing 17.5 \times 23.5\text{mm}$
12	Square Module	Square Module, capacity of 9 x 16mL flat bottom, hole dimensions: $\varnothing 20.5 \times 28.5\text{mm}$
13	Square Module	Square Module, capacity of 4 x 20mL flat bottom, hole dimensions: $\varnothing 28.5 \times 23.5\text{mm}$
14	Square Module	Square Module, capacity of 4 x 30mL flat bottom, hole dimensions: $\varnothing 28.5 \times 33.5\text{mm}$
15	Square Module	Square Module, capacity of 4 x 40mL flat bottom, hole dimensions: $\varnothing 28.5 \times 43.5\text{mm}$
16	Square Module	$\varnothing 65 \times 25.5\text{mm}$ -150mL (Aperture x Hole depth - Adapted container volume) Spherical Square Module
17	Square Module	Square Module, capacity 50mL round bottom, hole dimensions: $\varnothing 86 \times 31.5\text{mm}$



HOTPLATE BFL1X1

LED HOTPLATE



LED screen display actual and accurate temperature
Maximum temperature up to 550°C
Separate safety circuits with safety temperature of 580°C
External temperature control is possible by connecting temperature sensor (PT1000) with an accuracy of $\pm 0.2^{\circ}\text{C}$
Work plate provides excellent chemical-resistant performance and most efficient heat transfer
"HOT" warning flashes when the workplate temperature is above 50°C

SPECIFICATIONS

Model	BFL1X1
Old Model	BHMS-113
Work plate Dimension [W x D]	184x184mm (7 inch)
Work plate material	Glass ceramic
Heating position	1
Heating temperature range	Room Temp.-550°C, increment 5°C
Control accuracy of work plate	$\pm 10^{\circ}\text{C}$
Safety temperature	580°C
Temperature display	LED
Temperature display accuracy	$\pm 1^{\circ}\text{C}$
External temperature sensor	PT1000 (accuracy $\pm 0.2^{\circ}\text{C}$)
Heating warning	50°C
Protection class	IP21
Power	1010W
Heating Power	1000W
Voltage, Frequency	100-120/200-240V, 50/60Hz
Dimension [WxDxH]	215x360x112mm
Weight	4.5kg
Permissible ambient temperature and humidity	5-40°C, 80%RH
Alt Name	LED Hotplate



HOTPLATE BFL1Y1

LCD DIGITAL HOTPLATE



LCD screen shows temperature, Max. temperature up to 500°C
10-inch glass ceramic work plate provides excellent chemical-resistant performance and most efficient heat transfer
External temperature control is possible by connecting the temperature sensor (PT1000) with an accuracy at $\pm 0.2^\circ\text{C}$
The "HOT" warning will flash if the work plate temperature is above 50°C even when the hotplate is turned off
Heating temperature: room temperature ~ 500°C
Data connector: The SD card records the instrument's running data in real time
Timing function: the running time of the instrument can be set

SPECIFICATIONS

Model	BFL1Y1
Work plate Dimension [W x D]	254x254mm (10 inch)
Work plate material	Glass ceramic
Heating position	1
Heating temperature range	Room Temp.-500°C, increment 1°C
Temperature control accuracy	$\pm 1^\circ\text{C}$ (<100°C) $\pm 1\%$ (>100°C)
Safety temperature	540°C
Temperature, time display	LCD
Timer function	1min~99h59min
Temperature display accuracy	$\pm 0.1^\circ\text{C}$
External temperature sensor	PT1000 ($\pm 0.2^\circ\text{C}$)
"Hot" warning	50°C
Protection class	IP20
Power	1700W
Heating output	1500W
Voltage, Frequency	100-120/200-240V, 50/60Hz
Dimension[WxDxH]	328x424x138mm
Weight	7.2kg
Permissible ambient temperature and humidity	5-40°C, 80%RH
Alt Name	LCD Digital Hotplate



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