



BM100/200

Model				
100	200	401	500	510
Operating temperature range				
Room temp. +5deg.C to 95 deg.C			Room temp. +5deg.C to 90 deg.C	
Temp adjustment accuracy				
±2.0deg.C		±0.3deg.C	±1.5deg.C (When stirring)	
Bath Capacity				
App.4L	App.7.0 L		App.4L	



BM500/510



BM401

**BM100/200**

- Temperature is set after a volume method.
- High-capacity of 7.0 L (model BM200). Equipped with a drain.

**BM401**

- An interactive key-in system. High-capacity.
- High temp adjustment accuracy±0.3deg.C (at 60deg.C).

**BM500/510**

- Easy to remove, clean the water tank and change water

## ■ Specifications

	BM500	BM510	BM100	BM200	BM401
<b>Performance</b>					
Operating temperature range*1	Room temp. +5deg.C to 90 deg.C		Room temp. +5deg.C to 95 deg.C		
Temp adjustment accuracy*2	±1.5deg.C (When stirring)		±2deg.C (at 60deg.C)		±0.3deg.C (at 60deg.C)
<b>Components</b>					
Control system	PID control by microprocessor		ON/OFF control		PID control by microprocessor
Set-up system	Digital setting by key		Analog set-up		Digital setting by key
Extra function	Keylog function, SE signal transmission and reception, power failure guarantee operation, calibration offset		No extra function		Fixed temp., Auto-start, Auto-stop, Quick auto stop, Calibration off-set, Power failure recovery mode, Key lock function
Sensor	K thermocouple		Liquid expansion type		K thermocouple
Heater	1kW (at 100V) 1.44kW (at 120V)	1kW (at 200V) 1.44kW (at 240V)	SUS316 pipe heater, 500W	SUS316 pipe heater, 1000W	SUS316 pipe heater, 1000W
<b>Safe Device</b>					
Safety countermeasures	Protection cover for bath. Self-diagnostic functions (Automatic overheat prevention, Sensor trouble, Triac short circuit, heater burn out, main relay failure), socket breaker, thermal fuse		Protection from over current (fuse), Protection cover for bath, Thermal fuse		Self-diagnostic functions (Automatic overheat prevention, Sensor trouble), Earth leakage breaker, Thermal fuse
Interlock control function	Automatic control signal receive by RE600/800 controller, Error report to RE600/800		-		
<b>Standard</b>					
Bath Capacity/Material	App. 4L			App. 7.0L	
Water tank	ø 240 x bottom 165 X depth 122mm		ø 200×Depth 120mm	ø250×Depth 150mm	
External dimensions (W×D×Hmm)*3	340 x 349 x 231		240×300×150	310×360×230	
Power source 50/60Hz	AC100V-120V 10.5 - 12.5A (15A)	AC200-240V 5.5 - 6.5A (10A)	AC100V 6A with paddle switch	AC100V 12A	AC100V 13A (15A)
Weight	Approx. 5.5kg		Approx. 3.5kg	Approx. 6.0kg	Approx. 7.0kg
<b>Accessories</b>					
	-	-	Bar thermometer (10 to 110deg.C) with immersion line		Bottom plate

\*1. In case of unloaded operation of bath only. The maximum temperature varies on circumstances and operational conditions.

\*2. The performance shown here is the value under the condition of the ambient temperature of 23deg.C±5deg.C, humidity of 65%RH±20%.

\*3. The projection is not included for Internal dimensions and External dimensions.