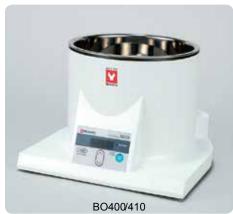
Economy Constant Temperature Oil Bath

BO Series

 Operating temp. range
 Room temp.+10~180°C
 Room temp.+5~199°C
 Room temp.+5~180°C
 Bath capacity
 4L
 5.2L
 7L

 (BO400/410)
 (BO500)
 (BO601)
 (BO400/410)
 (BO400/410)
 (BO500)
 (BO601)

Easy to use, digital setting, compact design oil bath



- Digital temperature setting by ▲/▼ keys
- Removable oil tank for convenient cleaning and changing of oil
- Heater situated outside the water tank
- Exclusive connection for bath operational setting function with RE601/801 rotary evaporator



- Stainless steel oil bath
- Bath protection sheet to prevent operator from burning
- Must be used with MB800 magnetic stirrer



- Digital temperature setting by ▲/▼ keys
- Protected oil tank prevents burns caused by contact
- Equipped with a drain

Specifications

Mo	odel	BO400	BO410	BO500-115V*3 BO500-220V*3	BO601-115V BO601-220V
Operating temp. range*1		Room temp. +10~180°C		Room temp. +5~199°C	Room temp. +5~180°C
Temp. control accuracy*2		±2°C (at agitation)		±0.5°C	±2°C (at 100°C)
Temp. control system		PID control by microprocessor		Proportional control	PID control by microprocessor
Temp. setting / display method		Digital setting by ▲/▼ keys		Digital / Glass thermometer	Digital setting by ▲/▼ keys
Operation function		Fixed temperature, quick auto-stop, auto stop, auto start			Fixed temperature, quick auto-stop, auto stop, auto start
Additional function		Keypad lock, RE signal transmission and reception, power failure recovery, calibration off-set			Keypad lock, power failure recovery, calibration off-set
Heater		1.44kW (120V)	1.44kW (240V)	Pipe heater 700W	SUS316 pipeheater 1kW
Sensor		K thermocouple		Pt100Ω	K thermocouple
Safety device		Bath protection cover (ABS heat-resistant resin) Self-diagnostic function (automatic overheat prevention, temperature sensor error, triac short circuit, heater disconnection, main relay failure), circuit protector, thermal fuse, micro switch to detect heating without oil		Bath protection sheet	Bath protection cover
					Self-diagnostic function (automatic overheat prevention, temperature sensor error, triac short circuit, heater disconnection, main relay failure), circuit protector, thermal fuse
Interlocking control function		RE601/801 signal transmission and reception (constant operation, heat retention operation, stop), Error report to RE601/801			
Water tank	Capacity	~4L		~5.2L	~7L
	Dimensions	Max. I.D.240 x bottom Dia165 x D122mm		ø240 x 130mm	I.D.250 x D150mm
External dimensions		W340 x D349 x H231mm		W250 x D290 x H130mm	W310 x D360 x H230mm
Weight		~5.5kg		~1.4kg	~8kg
Power source (50/60 Hz)		AC100~120V 12.5~10.5A	AC200~240V 6.5~5.5A	AC115V 7A AC220V 4A	AC115V 11A AC220V 7A

^{*1.} No load operation of bath only. Maximum temperature varies by different circumstances and operational conditions.

*2. Measured under ambient temperature at 23°C±5°C, humidity of 65%RH±20%.
*3. When combined with magnetic stirrer MB800, power source is from MB800 main unit outlet.

Model	MB800-115V / MB800-220V (in combination with BO500)		
Stirring plate	Material: Aluminum, dimension: W250xD220mm		
Stirring capacity	100ml~10L		
Rotation speed	70~1200rpm		
Motor	AC motor, Electronic control		
Overheat prevention	70~200°C		
Sensor	Thermistor		
Safety device	Current leakage breaker, Oil bath power shutdown overheat prevention device		
Power source (50/60Hz)	AC115V 10A / AC220V 5A (MB800+BO500 combined with oil bath)		
External dimensions	W250xD270xH150mm		
Weight	~4.2kg		
Accessories	Stirrer 40mm 1pc.		

BO500A-115V BO500A-220V

Set of BO500 Oil Bath and MB800 Stirrer

