

## Lab & Medical Equipment



## Bath / Circulator & Accessories

**BIOBASE®**

**BIOBASE GROUP**

Add: No.51 South Gongye Road, Jinan, China

Tel: +86-531-81219801/03

Fax: +86-531-81219804

E-mail: [export@biobase.com](mailto:export@biobase.com)

Web: [www.meihuatrade.com](http://www.meihuatrade.com)





# About Us

BIOBASE group, the professional manufacturer for Laboratory and Medical equipment.

During long term friendly bilateral cooperation relationship with customers, BIOBASE is always being trusted. The customers purchase BIOBASE made goods, at the mean time, more and more customers are willing to buy a variety of goods from BIOBASE.

In order to satisfy customers demand and ensure customers' benefit, BIOBASE made field trip to many suppliers in China, controlled the product quality strictly in stead of customers, as well as strived from the suppliers to get competitive pricing. Recently, BIOBASE has confirmed many OEM partners and will keep searching for more suppliers upon customers' request.

BIOBASE provide one-stop procurement solution which can not only reduce the resoucing cost, but also can ensure good quality and sufficient after-sale service.

In addition, any abroad strong manufacturer is welcomed to contact us, we can work together to open China market through BIOBASE China.





# Bath / Circulator

## Thermostatic Water Bath



**Features:**

- \* Stainless steel inner chamber and upper cover.
- \* Adopt new design structure, which could avoid the leakage of steam.
- \* PID microprocessor controller, LED display.
- \* With universal fixture for SY-1L4H and SY-1L6H.

**Technical Parameters:**

| Model             | SY-1L1H                 | SY-1L2H     | SY-1L4H     | SY-1L6H      | SY-2L4H     | SY-2L6H     | SY-2L8H     |
|-------------------|-------------------------|-------------|-------------|--------------|-------------|-------------|-------------|
| Capacity          | 3L                      | 7L          | 13L         | 20L          | 15L         | 23L         | 24L         |
| Temp. Range       | RT.-100℃                |             |             |              |             |             |             |
| Temp. Fluctuation | ±0.5℃                   |             |             |              |             |             |             |
| Temp. Accuracy    | ≤±1℃                    |             |             |              |             |             |             |
| Time Range        | 0~999min                |             |             |              |             |             |             |
| Power             | 300W                    | 500W        | 1000W       | 1500W        | 1000W       | 1500W       | 2000W       |
| Power Supply      | AC110/220V±10%, 50/60Hz |             |             |              |             |             |             |
| Internal Size(mm) | 140*150*150             | 300*150*150 | 600*180*120 | 900*180*120  | 320*300*150 | 500*300*150 | 620*320*120 |
| External Size(mm) | 270*180*190             | 320*180*210 | 770*310*170 | 1100*310*170 | 340*320*210 | 500*320*210 | 750*360*160 |
| Packing Size(mm)  | 320*230*220             | 410*220*310 | 820*330*250 | 1150*330*250 | 410*390*310 | 590*390*310 | 830*460*250 |
| Net Weight(kg)    | 2                       | 4           | 10          | 13           | 6.5         | 9           | 12          |
| Gross Weight(kg)  | 3                       | 5           | 11          | 14.5         | 7.5         | 10          | 13          |

Transparent Water Bath



**Features:**

- \* Adopt new design structure, effectively prevent leakage of steam.
- \* All made of transparent acrylic sheet, can clearly see objects that are heated.
- \* High precision intelligent temperature control, digital display with high brightness.

**Technical Parameters:**

| Model             | SY-6L                                | SY-8L       | SY-20L      |
|-------------------|--------------------------------------|-------------|-------------|
| Capacity          | 6L                                   | 8L          | 20L         |
| Temp. Range       | RT-100℃                              |             |             |
| Temp. Fluctuation | 0.5℃                                 |             |             |
| Temp. Accuracy    | ≤±1℃                                 |             |             |
| Tube Rack         | 1 pc, Height: 20mm, Diameter: 12.5mm |             |             |
| Consumption       | 600W                                 | 1000W       | 1500W       |
| Power Supply      | AC110/220V±10%, 50/60Hz              |             |             |
| Internal Size(mm) | 270*120*150                          | 270*120*150 | 480*270*150 |
| Packing Size(mm)  | 410*275*310                          | 470*315*310 | 680*375*310 |
| Net Weight(kg)    | 6                                    | 7.5         | 13          |
| Gross Weight(kg)  | 6.8                                  | 8.5         | 15          |

Constant Temperature Water Tank



Features:

- \* Microprocessor control, LED display.
- \* Timing function and over-temperature protection.
- \* External material: Cold rolled steel with anti bacteria powder coating.
- \* Inner material: Stainless steel inner chamber.

Technical Parameters:

| Model                   | WT-42                    | WT-60       |
|-------------------------|--------------------------|-------------|
| Temp. Range             | RT-100℃                  |             |
| Temp. Fluctuation       | ≤ ±1℃                    |             |
| Consumption             | 800W                     | 1500W       |
| Power Supply            | AC110V/220V±10%, 50/60Hz |             |
| Internal Size(L*W*H) mm | 420*180*180              | 600*300*180 |
| External Size(L*W*H) mm | 580*300*270              | 760*410*270 |
| Package Size(L*W*H) mm  | 630*350*310              | 820*480*310 |
| Net Weight(kg)          | 10                       | 15          |
| Gross Weight(kg)        | 11                       | 17          |

Thermostatic Shaking Water Bath



SWB-A/C



SWB-B

Features:

- \* Microprocessor controller with LED display, high precision of controlling temperature.
- \* Advanced multipurpose stainless steel spring clip.

Technical Parameters:

| Model                   | SWB-A                            | SWB-B                                            | SWB-C                     |
|-------------------------|----------------------------------|--------------------------------------------------|---------------------------|
| Temp. Range             | RT~100℃                          |                                                  |                           |
| Oscillation Amplitude   | 20mm                             |                                                  |                           |
| Rotary Speed            | Start-300rpm                     |                                                  |                           |
| Shaking Mode            | Rotation oscillation, continuous | Rotation oscillation & reciprocating, continuous | Reciprocating, continuous |
| Timing                  | 0-999 minutes                    |                                                  |                           |
| Consumption             | 2000W                            |                                                  |                           |
| Power Supply            | AC 110/220V±10%, 50/60Hz         |                                                  |                           |
| Internal Size(L*W*H) mm | 490*390*170                      |                                                  |                           |
| External Size(L*W*H) mm | 720*480*520                      |                                                  |                           |
| Packing Size(L*W*H) mm  | 820*610*590                      | 820*610*570                                      | 820*610*590               |
| Gross Weight(kg)        | 45                               | 50                                               | 45                        |



Reciprocating Thermostatic Shaking Water Bath

Features:

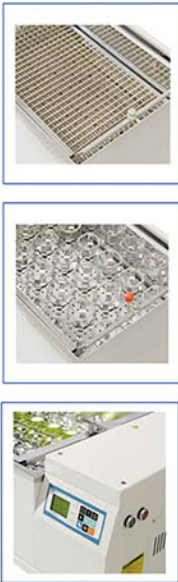
- \* Power off recovery function.
- \* Audio and visual alarm.
- \* Stainless steel lid, prevent heat loss and evaporation.
- \* Double over-temperature protection design. Anti dry-out function.



SWB-110X12 and SWB-110X24



SWB-110X48



Technical Parameters:

| Model                      | SWB-110X12 (table-top)                                                                                                                                                          | SWB-110X24 (table-top)           | SWB-110X48 (floor-type)           |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-----------------------------------|
| Control                    | PID                                                                                                                                                                             |                                  |                                   |
| Display                    | LCD                                                                                                                                                                             |                                  |                                   |
| Shaking Mode               | Reciprocating shaking                                                                                                                                                           |                                  |                                   |
| Drive Mode                 | Balancing drive                                                                                                                                                                 |                                  |                                   |
| Shaking Speed              | 20~200rpm                                                                                                                                                                       |                                  |                                   |
| Shaking Accuracy           | ±1rpm                                                                                                                                                                           |                                  |                                   |
| Vibration Range            | Φ25mm                                                                                                                                                                           |                                  |                                   |
| Standard Capacity (Clamps) | Universal spring clamp                                                                                                                                                          | 250ml*24                         | 250ml*48                          |
| Optional Flask Clamps      | 250ml*12 or 500ml*8 or 1000ml*6                                                                                                                                                 | 250ml*24 or 500ml*15 or 1000ml*8 | 250ml*48 or 500ml*30 or 1000ml*20 |
| Shaking Plate Size         | 430*320mm                                                                                                                                                                       | 590*390mm                        | 780*586mm                         |
| Spring Shaking Plate Size  | 430*320*60mm                                                                                                                                                                    | 590*390*80mm                     | 780*586*80mm                      |
| Timing Range               | 0~999.59h                                                                                                                                                                       |                                  |                                   |
| Temp. Range                | RT~100℃                                                                                                                                                                         |                                  |                                   |
| Temp. Accuracy             | ±0.1℃                                                                                                                                                                           |                                  |                                   |
| Temp. Uniformity           | ±0.2℃                                                                                                                                                                           |                                  |                                   |
| Internal Material          | 316 stainless steel                                                                                                                                                             |                                  |                                   |
| Safety Function            | Audio and visual alarm for over-temperature; Alarm for over-speed; Detached over-temperature protector; Shutdown protection for door opening; Leakage or overcurrent protection |                                  |                                   |
| Consumption                | 2000W                                                                                                                                                                           | 2200W                            | 4000W                             |
| Power Supply               | AC110/220V±10%, 50/60Hz                                                                                                                                                         |                                  |                                   |
| Internal Size(W*D*H) mm    | 510*380*240                                                                                                                                                                     | 700*455*260                      | 940*660*275                       |
| External Size(W*D*H) mm    | 760*420*370                                                                                                                                                                     | 945*495*408                      | 1240*700*760                      |
| Package Size(W*D*H) mm     | 810*470*470                                                                                                                                                                     | 995*545*508                      | 1740*750*860                      |
| Gross Weight(kg)           | 65                                                                                                                                                                              | 120                              | 160                               |

High Precision Low-temperature Thermostatic Bath



Features:

- \* Timing range 0-100 hours.
- \* Fully enclosed compressor refrigeration.
- \* Microprocessor control, LCD display, software lock function.

Technical Parameters:

| Model     | Temp. Range (℃) | Temp. Fluction(℃) | Temp. Reso- lution (℃) | Internal Size (mm) | Circu- lating Pump Flow (L/min) | Working Slot Opening (mm) | Drain | Power Supply         | G.W. (kg) | Package Size (mm) |
|-----------|-----------------|-------------------|------------------------|--------------------|---------------------------------|---------------------------|-------|----------------------|-----------|-------------------|
| BKD-0506  | -5~100          | ±0.005~±0.02      | 0.001                  | 250*200*150        | 6                               | 180*140                   | Yes   | AC220V ±10%, 50/60Hz | 35        | 515*450*600       |
| BKD-1006  | -10~100         | ±0.005~±0.02      | 0.001                  | 250*200*150        | 6                               | 180*140                   | Yes   |                      | 35        | 515*450*600       |
| BKD-2006  | -20~100         | ±0.005~±0.02      | 0.001                  | 250*200*150        | 6                               | 180*140                   | Yes   |                      | 33        | 423*393*810       |
| BKD-3006  | -30~100         | ±0.005~±0.02      | 0.001                  | 250*200*150        | 6                               | 180*140                   | Yes   |                      | 33        | 423*393*810       |
| BKD-4006  | -40~100         | ±0.005~±0.02      | 0.001                  | 250*200*130        | 6                               | 180*140                   | Yes   |                      | 36        | 505*480*1015      |
| BKD-0510  | -5~100          | ±0.005~±0.02      | 0.001                  | 250*200*200        | 6                               | 180*140                   | Yes   |                      | 35        | 423*393*810       |
| BKD-2010  | -20~100         | ±0.005~±0.02      | 0.001                  | 250*200*200        | 6                               | 180*140                   | Yes   |                      | 35        | 423*393*810       |
| BKD-3010  | -30~100         | ±0.005~±0.02      | 0.001                  | 250*200*200        | 6                               | 180*140                   | Yes   |                      | 35        | 423*393*810       |
| BKD-1015  | -10~100         | ±0.005~±0.02      | 0.001                  | 280*250*220        | 6                               | 235*160                   | Yes   |                      | 35        | 505*480*1015      |
| BKD-2015  | -20~100         | ±0.005~±0.02      | 0.001                  | 300*250*200        | 6                               | 235*160                   | Yes   |                      | 35        | 505*480*1015      |
| BKD-3015  | -30~100         | ±0.005~±0.02      | 0.001                  | 300*250*200        | 6                               | 235*160                   | Yes   |                      | 36        | 505*480*1015      |
| BKD-1020  | -10~100         | ±0.005~±0.02      | 0.001                  | 280*250*280        | 6                               | 235*160                   | Yes   |                      | 80        | 618*540*1090      |
| BKD-0530  | -5~100          | ±0.005~±0.02      | 0.001                  | 400*325*230        | 13                              | 310*280                   | Yes   |                      | 80        | 618*540*1090      |
| BKD-1030  | -10~100         | ±0.005~±0.02      | 0.001                  | 400*325*230        | 13                              | 310*280                   | Yes   |                      | 85        | 618*540*1090      |
| BKD-2030  | -20~100         | ±0.005~±0.02      | 0.001                  | 400*325*230        | 13                              | 310*280                   | Yes   |                      | 90        | 618*540*1090      |
| BKD-3030  | -30~100         | ±0.005~±0.02      | 0.001                  | 400*325*230        | 13                              | 310*280                   | Yes   |                      | 33        | 423*393*810       |
| BKD-3005A | -30~100         | ±0.005~±0.02      | 0.001                  | 250*200*120        | 6                               | 180*140                   | Yes   |                      | 36        | 515*450*600       |
| BKD-2008W | -20~100         | ±0.005~±0.02      | 0.001                  | 280*250*140        | 6                               | 235*160                   | Yes   |                      | 36        | 515*450*600       |
| BKD-1015W | -10~100         | ±0.005~±0.02      | 0.001                  | 280*250*220        | 6                               | 235*160                   | Yes   |                      | 36        | 515*450*600       |
| BKD-3506W | -35~100         | ±0.005~±0.02      | 0.001                  | 250*200*150        | 6                               | 180*140                   | Yes   |                      | 36        | 515*450*600       |
| BKD-3510W | -35~100         | ±0.005~±0.02      | 0.001                  | 250*200*200        | 6                               | 180*140                   | Yes   |                      | 36        | 515*450*600       |
| BKD-0506W | -6~100          | ±0.005~±0.02      | 0.001                  | 250*200*150        | 6                               | 180*140                   | Yes   |                      | 36        | 515*450*600       |
| BKD-4006W | -40~100         | ±0.005~±0.02      | 0.001                  | 250*200*130        | 6                               | 180*140                   | Yes   |                      | 36        | 515*450*600       |



Oil Bath



Features:

- \* LED display
- \* Automatic protection for overheating
- \* Material: Main body is issteel plate with baking varnish; Internal is imported stainless steel
- \* Advanced recycle pump system ensures good evenness of temperature(OB-2)

Technical Parameters:

| Model                         | OB-1                  | OB-2           |
|-------------------------------|-----------------------|----------------|
| Temperature Range             | RT~300℃               |                |
| Temperature Fluctuation       | ≤1℃                   |                |
| Temperature Control Precision | ≤1℃                   |                |
| Heating Power                 | 2000W                 |                |
| Power Supply                  | 110V/220V±10%,50/60HZ |                |
| Circulatory System            | None                  | Have           |
| Circuation Pump Flow Rate     | None                  | 6L/min         |
| Workroom Cubage               | 300*300*280mm³        | 450*300*280mm³ |
| Package Size(W*D*H)           | 530*460*440mm         | 780*460*440mm  |
| Gross Weight                  | 15kg                  | 40kg           |

Refrigerated and Heating Circulator

Refrigerated and Heating Circulator can be widely used in oil, physical, chemical, pharmaceutical, environmental protection and other fields of science, precision temperature control equipment.

Application:

Experiment that need heating and cooling, Fermentation Tank, Polarimeter, Refractometer, Spectrophotometer, Electrophoresis System, Chromatographic Column, Viscometer, Rotation Evaporation Instrument, Rheometer.

Features:

- \* LCD display
- \* Robust water tank: ultra-slushing and rust-proof
- \* Low Noise design: use high quality compressor and mute pump.
- \* Convenience function: Parameters memory function, temperature correction.
- \* Fuzzy PID temperature control system: control temperature stability accurately and fast.
- \* Multi-protection: Over-current protection, high and low temperature warning functions, dry-running protection.
- \* ECO-refrigerant R134a and high quality compressor guarantee the cooling system ecofriendly and powerful
- \* Compact design, removable venting grid for convenient cleaning to maintain cooling performance and drain off water.



Technical Parameters:

| Model                  | BKL6-05          | BKH6-05    | BKL6-20     | BKH6-20     |
|------------------------|------------------|------------|-------------|-------------|
| Working Temp. Range    | -5℃ ~ 100℃       | -5℃ ~ 200℃ | -20℃ ~ 100℃ | -20℃ ~ 200℃ |
| Temp. Control          | PID              |            |             |             |
| Temp. Stability        | ±0.03℃           |            |             |             |
| Temp. Sensor           | PT100            |            |             |             |
| Display Resolution     | 0.1℃             |            |             |             |
| Heater Consumption     | 2000 W           |            |             |             |
| Cooling Consumption    | 250W             |            |             |             |
| Refrigerant            | R134a            |            |             |             |
| Pump Capacity Pressure | 0.35bar          |            |             |             |
| Pump Flow Rate         | 10L/min          |            |             |             |
| Ambient Temp.          | -20 ~ 70℃        |            |             |             |
| Filling Volume         | 6L               |            |             |             |
| Power Supply           | AC220V±10%, 50Hz |            |             |             |
| Bath Opening(W*D)      | 160*160mm        |            |             |             |
| Bath Dimensions(W*D*H) | 320*180*150mm    |            |             |             |
| External Size(W*D*H)   | 400*250*650mm    |            |             |             |
| Package Size(W*D*H)    | 590*420*900mm    |            |             |             |
| Gross Weight           | 42kg             |            |             |             |