

## Chromatography Refrigerator



### Technical Parameters

| Model                                                        | BSR-5V450                                                                                          | BSR-5V1000                       |
|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------|----------------------------------|
| Capacity                                                     | 450L                                                                                               | 1000L                            |
| Temp. Range                                                  | 2~8℃                                                                                               |                                  |
| Temp. Accuracy                                               | 0.1℃                                                                                               |                                  |
| Temp. Uniformity                                             | ≤2℃                                                                                                |                                  |
| Temp. Stability                                              | ≤3℃                                                                                                |                                  |
| Recovery Time<br>(Recover to 8℃ in an ambient temp. of 32℃)  | ≤15min                                                                                             |                                  |
| Cooling Time<br>(Cool down to 6℃ in an ambient temp. of 32℃) | ≤70min                                                                                             | ≤100min                          |
| Control System                                               | Microprocessor control                                                                             |                                  |
| Display                                                      | LED display                                                                                        |                                  |
| Alarm                                                        | High and low temperature alarm, thermostat fault alarm, door switch alarm, power failure alarm(8h) |                                  |
| Refrigeration Type                                           | Air-cooling                                                                                        |                                  |
| Refrigerant                                                  | R290/97g                                                                                           | R290/150g                        |
| Compressor                                                   | International famous brand compressor/1                                                            |                                  |
| Condenser & Evaporator                                       | Copper tube and aluminum fin condenser; copper tube and aluminum fin evaporator                    |                                  |
| Defrost                                                      | Automatic defrost                                                                                  |                                  |
| Construction                                                 | Polyurethane cyclopentane foam                                                                     |                                  |
| Material                                                     | Internal Material: Sprayed steel plate                                                             |                                  |
| Door                                                         | Electrically heated glass door*1                                                                   | Electrically heated glass door*2 |
| Consumption                                                  | 220W                                                                                               | 300W                             |
| Power Supply                                                 | AC 220V, 50Hz(Standard); 220V, 60Hz, 110V, 60Hz(Optional)                                          |                                  |
| Casters                                                      | Yes                                                                                                |                                  |
| Shelf                                                        | 1                                                                                                  | 6                                |
| Standard Accessory                                           | Test hole, USB interface                                                                           |                                  |
| Optional Accessory                                           | RS485 interface, printer, temperature recorder                                                     |                                  |
| Internal Size (W*D*H)                                        | 580*613*1325mm                                                                                     | 1100*684*1325mm                  |
| External Size (W*D*H)                                        | 680*747*1885mm                                                                                     | 1220*860*1885mm                  |
| Package Size (W*D*H)                                         | 830*880*2050mm                                                                                     | 1340*980*2100mm                  |
| Net Weight                                                   | 135kg                                                                                              | 212kg                            |
| Gross Weight                                                 | 158kg                                                                                              | 256kg                            |

## Flake Ice Maker



### Features

- \* Equipped with a high-quality and efficient compressor. Uses environmentally friendly refrigerant with an Ozone Depletion Potential (ODP) of 0.
- \* The insulation layer of the inner tank is made of fluorine-free polyurethane foam, offering excellent thermal insulation.
- \* The exterior is made of high-quality 304 stainless steel. It features an integrated design, compact structure, and ease of use.
- \* The motor shaft has a spiral cutter design, and the ice knife edge is optimized, resulting in smaller ice particles that are versatile and practical.
- \* The water tank is designed with a float valve to prevent excess water consumption, saving water and energy.
- \* The ice-making evaporator is made of pure copper, and the ice knife is made of 304 stainless steel.
- \* It includes protective shutdown features such as ice full, water shortage, compressor fault alarms, and protection against continuous compressor startups.

### Technical Parameters

| Model                     | BK-IMS20                                                                  | BK-IMS30      | BK-IMS40       | BK-IMS50       | BK-IMS85 | BK-IMS200 | BK-IMS300A                                                             |
|---------------------------|---------------------------------------------------------------------------|---------------|----------------|----------------|----------|-----------|------------------------------------------------------------------------|
| Ice Making Capacity       | 20kg/24h                                                                  | 30kg/24h      | 40kg/24h       | 50kg/24h       | 85kg/24h | 200kg/24h | 300kg/24h                                                              |
| Max. Ice Storage Capacity | 10kg                                                                      | 15kg          | 20kg           | 60kg           | 128kg    | 128kg     | 128kg                                                                  |
| Water Consumption         | ≤1.2L/h                                                                   |               |                |                |          | ≤1.5L/h   | ≤2.0L/h                                                                |
| Ice Shape                 | Small particle of irregular snow ice                                      |               |                |                |          |           |                                                                        |
| Way of Condensation       | Air cooling                                                               |               |                |                |          |           |                                                                        |
| Ambient Temperature       | 10~35℃                                                                    |               |                |                |          |           |                                                                        |
| Water Temperature         | 2~15℃                                                                     |               |                |                |          |           |                                                                        |
| Refrigerant               | R290                                                                      |               |                |                |          |           |                                                                        |
| Standard Accessory        | Water inlet pipe*1, drainage pipe*1, ice spoon*1                          |               |                |                |          |           |                                                                        |
| Optional Accessory        | Filter                                                                    |               |                |                |          |           |                                                                        |
| Consumption               | 300W                                                                      | 420W          | 480W           | 900W           | 1560W    |           |                                                                        |
| Power Supply              | AC 220V, 50/60Hz(Standard); 110V, 50/60Hz(Optional, external transformer) |               |                |                |          |           |                                                                        |
| External Size(W*D*H)      | 330*480*605mm                                                             | 380*550*750mm | 420*527*925mm  | 680*612*1100mm |          |           | Ice maker head:<br>560*620*620mm<br>Ice storage bin:<br>560*820*1045mm |
| Package Size(W*D*H)       | 380*570*650mm                                                             | 475*610*915mm | 550*665*1140mm | 750*815*1260mm |          |           | Ice maker head:<br>625*685*760mm<br>Ice storage bin:<br>630*880*960mm  |
| Net Weight                | 26kg                                                                      | 40kg          | 50kg           | 98kg           |          |           | Ice maker head: 48kg<br>Ice storage bin: 27kg                          |
| Gross Weight              | 38kg                                                                      | 45kg          | 55kg           | 110kg          |          |           | Ice maker head: 55kg<br>Ice storage bin: 35kg                          |