IRIS ANALYTICAL

BATHS & CIRCULATORS





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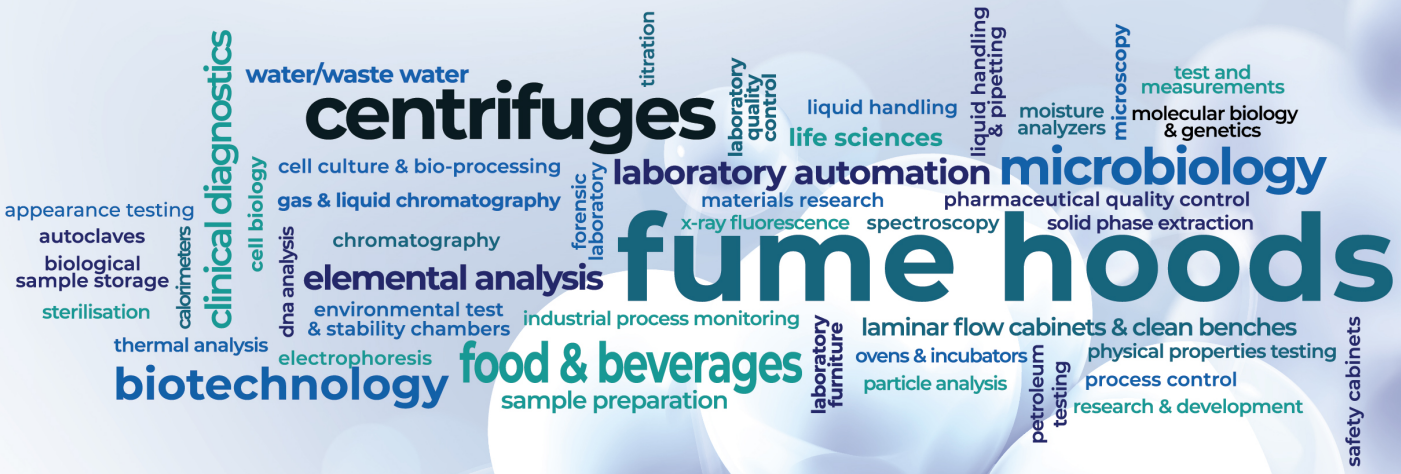
The Iris SB-1000R Series Water Bath Shakers offers optimal convenience for the user with touch screen keypad with digital display the Temperature and speed. The SB-1000 Series shaking water baths are ideal for mixing and shaking samples at specific temperature from 0 ~ 100℃ in hybridization, bacterial culturing, cell aeration and molecular biology assays. The SB-1000R Series shaking water baths is designed with Cutting-edge microprocessor technology and PID temperature control ensures optimal temperature stability in the water bath and suitable for continuous unsupervised operation.

The SB-1000 provide quiet, maintenance-free shaking under a precisely controlled and reproducible temperature environment. The SB-1000 is available in 21L, 35L or 45L with option of temperature range from 0 to 100℃ or Ambient+5℃ to 100℃ to accommodate flasks up to 5 litres. The bath tank and all parts that contact the bath liquid are made of high-quality stainless steel.

Ideal for chemistry, chemical engineering, cell culture, biological samples, yeast, soil extraction and general applications that requires stable and reproducible temperature and mixing condition.

- Microprocessor-controlled
- Temperature range from 0 to 100℃ or Ambient+5℃ to 100℃
- Accurate temperature control
- PID controlled speed and temperature with LED digital display
- Integrated Digital Control
- Integrated precision temperature control within ± 0.1℃ and reciprocal shaking motion from 20 ~ 120 rpm with a stroke length of 25 mm
- Dual digital LED display PV and SV value and selection of temperature, speed and time display.
- Temperature and shaking can be controlled together or independently with wait-off timer
- Acceleration and reduction speed rate is adjustable
- Over temperature cut-off, electrical leakage breaker
- Made with SUS 304 stainless steel body with powder coating
- Stainless steel tank
- Touch screen and digital display the Temperature and speed
- Overheat and over low protector
- Smooth and quiet shaking
- Sensor is using the PT-100Ω
- Shaking have timer function with 999,h/m/s
- The compressor will be delayed to start working if power cut and with timer for defrost. Using environmental protection cold-media R134a.
- With drainage stopcock for easy cleaning
- Supplied with one set of clamps
- Corrosion resistant seamless stainless steel 304 (AISI304) internal bath gabled lid

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