



SHAKERS & INCUBATOR SHAKERS



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The Iris 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°C in hybridization, bacterial culturing, cell aeration and molecular biology assays. The SB-1000 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°C or Ambient+5°C to 100°C 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°C or Ambient+5°C to 100°C
- Accurate temperature control
- PID controlled speed and temperature with LED digital display
- Integrated Digital Control
- Integrated precision temperature control within $\pm 0.1^\circ\text{C}$ 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-100 Ω
- 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

Model	SB-1210		SB-1210R		SB-1350		SB-1350R		SB-1450	
Temp. Range (?)	Ambient+5?~100?		0~100?		Ambient+5?~100?		0~100?		Ambient+5?~100?	
Temp. Control	PID									
Temp. Display	LED									
Temp. Accuracy (?)	±0.1?									
Refrigerator	N/A		1/4 HP		N/A		1/4 HP		N/A	
Shaking Speed (rpm)	20~200									
Shaking Width (mm)	0.5"~1.5"(Adjustable)									
Volume (liters)	21 L		21 L		35 L		35 L		45 L	
Heater (W)	1200		1200		1600		1600		1200	
Shaking Plate WxD (mm)	300x250		300x250		400x300		400x300		450x290	
Inside Dimensions (WxDxH) mm	500x290x150		500x290x150		600x350x175		600x350x175		460*405*200	
Outside Dimensions (WxDxH) mm	710x350x330		710x350x630		820x400x340		820x400x500		740*530*450	
Net Weight (kg)										
Gross Weight (kg)										
Electrical Requirements	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
Catalogue No.	1003005-1	1003005-2	1003010-1	1003010-2	1003015-1	1003015-2	1003020-1	1003020-2	1003025-1	1003025-2

Refrigerated Waterbath Shakers SB-1000R Series

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°C 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°C or Ambient+5°C to 100°C 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°C or Ambient+5°C to 100°C
- Accurate temperature control
- PID controlled speed and temperature with LED digital display
- Integrated Digital Control
- Integrated precision temperature control within $\pm 0.1^{\circ}\text{C}$ 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-100 Ω
- 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

Model	SB-1210R		SB-1350R	
Temp. Range (?)	0~100?		0~100?	
Temp. Control	PID			
Temp. Display	LED			
Temp. Accuracy (?)	±0.1?			
Refrigerator	1/4 HP		1/4 HP	
Shaking Speed (rpm)	20~200			
Shaking Width (mm)	0.5"~1.5"(Adjustable)			
Volume (liters)	21 L		35 L	
Heater (W)	1200		1600	
Shaking Plate WxD (mm)	300x250		400x300	
Inside Dimensions (WxDxH) mm	500x290x150		600x350x175	
Outside Dimensions (WxDxH) mm	710x350x630		820x400x500	
Net Weight (kg)				
Gross Weight (kg)				
Electrical Requirements	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
Catalogue No.	10030101	10030102	10030201	10030202

Waterbath Shakers SB-1000 Series

The Iris SB-1000 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°C in hybridization, bacterial culturing, cell aeration and molecular biology assays. The SB-1000 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°C or Ambient+5°C to 100°C 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.

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- 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-100 Ω
- 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

Model	SB-1210		SB-1350		SB-1500	
Temp. Range (?)	Ambient+5?~100?		Ambient+5?~100?		Ambient+5?~100?	
Temp. Control	PID					
Temp. Display	LED					
Temp. Accuracy (?)	±0.1?					
Refrigerator	N/A		N/A		N/A	
Shaking Speed (rpm)	20~200					
Shaking Width (mm)	0.5"~1.5"(Adjustable)					
Volume (liters)	21 L		35 L		50 L	
Heater (W)	1200		1600		1200	
Shaking Plate WxD (mm)	300x250		400x300		450x290	
Inside Dimensions (WxDxH) mm	500x290x150		600x350x175		460*405*200	
Outside Dimensions (WxDxH) mm	710x350x330		820x400x340		740*530*450	
Net Weight (kg)						
Gross Weight (kg)						
Electrical Requirements	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz	110V/60Hz	220V/50Hz
Catalogue No.	1003005-1	1003005-2	1003015-1	1003015-2	1003025-1	1003025-2

