



Recirculating Chiller



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Low-Temp Circulating Pump



Refrigerated Water Circulator



Precision Water Bath



Immersion Circulators



Flaker Ice Makers

LX Series Recirculating Chillers

LX series water recirculating chillers are widely used with analytical instruments, providing precise temperature control for AAS , ICP, ICP-MS, laser equipments, electron microscopy , mechanic machine and so on.

● Features

- **Precise PID temperature control**

PID is a kind of intellectual and dynamic temperature control technique through proportion, integration and differentiation. Can precisely control the temperature.

- **Top level key parts**

Every parts we used in chiller is passed strict checking and the key parts are from worldwide famous suppliers.

- **Save precious tap water and cut down the cost**

With the development of industry, more and more people has realized the importance of environment and pay attention to save water. By recirculating chiller, you will save a large amount of water and reduce the lab cost.

- **Rapid, powerful, low noise and high efficiency**

Thanks to PID and high quality parts, LX series of chillers nearly noiseless and no heat generation with low water consumption, providing rapid and powerful cooling.

- **Dynamic constant-temperature control system, fast reaction and precise temperature control.**



| | Temp.Range | Temp.Accuracy | Cooling Capacity | Tank Capacity | Pressure (bar) | Pump connections | Overall Dimensions (WxDxH) |
|--------|------------|---------------|------------------|---------------|----------------|------------------|----------------------------|
| LX-150 | 5~35°C | ±0.05 | 150W | 1L | 0.3/0.45 | 1/4" NPT | 230*280*380mm |
| LX-300 | 5~35°C | ±0.1 | 300W | 4L | 0.6/0.8 | 1/2" NPT | 230*475*475mm |

◆ **Power Supply, Voltage:** AC220V, 50Hz, 5A

Recirculating Chiller



| | Temp.Range | Temp. Accuracy | Cooling Capacity | Tank capacity | Pressure | Flow rate L/min | Overall Dimensions (WxDxH) |
|----------|------------|----------------|------------------|---------------|----------|-----------------|----------------------------|
| LX-600 | 5~35℃ | ±0.1℃ | 600 W | 5L | 0~2 bar | 0~28 | 280*440*510mm |
| LX-1000 | 5~35℃ | ±0.1℃ | 1000 W | 8L | 0~4bar | 0~45 | 325*620*550mm |
| LX-2000 | 5~35℃ | ±0.1℃ | 2000 W | 15L | 0~4bar | 0~45 | 385*620*650mm |
| LX-3000 | 5~35℃ | ±0.1℃ | 3000W | 45L | 0~4bar | 0~45 | 430*750*750mm |
| LX-5000 | 5~35℃ | ±0.2℃ | 5000W | 80L | 0~4bar | 0~45 | 460*960*1040mm |
| LX-3000F | 5~35℃ | ±0.5℃ | 3000W | 35L | 0~4bar | 0~45 | 385*660*650mm |
| LX-5000F | 5~35℃ | ±1℃ | 5000W | 40L | 0~4bar | 0~45 | 385*660*650mm |

Low-Temp Circulating Pump



DX series low-temperature circulating pump caters for the needs of the modern laboratory, which is low cost and fully compatible substitute for expensive water baths. All models are of rugged construction, feature high accuracy and LCD display for maximum convenience and superior control. Precise temperature is achieved by PID temperature control technique.

| | Lowest Temp. | Temp. Accuracy | Capacity (L) | Flow rate L/min | Pressure | Bath opening (mm) | Overall Dimensions (WxDxH) |
|---------|--------------|----------------|--------------|-----------------|----------|-------------------|----------------------------|
| DX-204 | -20°C | ±0.1°C | 4 | 10 | 0.6bar | φ 180*180 | 230*485*500mm |
| DX-208 | -20°C | ±0.1°C | 8 | 10 | 0.6bar | φ 250*200 | 300*400*720mm |
| DX-2015 | -20°C | ±0.1°C | 15 | 15 | 0.6bar | φ 300*250 | 365*405*865mm |
| DX-2025 | -20°C | ±0.2°C | 25 | 20 | 0.6bar | φ 350*250 | 425*465*1125mm |
| DX-406 | -20°C | ±0.1°C | 6 | 10 | 0.3bar | φ 200*200 | 300*400*720mm |
| DX-4010 | -20°C | ±0.1°C | 10 | 15 | 0.3bar | φ 250*250 | 365*405*865mm |
| DX-4015 | -20°C | ±0.2°C | 15 | 20 | 0.3bar | φ 300*250 | 425*465*1125mm |

Refrigerated Water Circulator



All models are of rugged construction, feature high accuracy and LCD display for maximum convenience and superior control. Precise temperature is achieved by dynamic PID temperature control technique.

| | Lowest Temp. | Temp. Accuracy | Capacity (L) | Flow rate L/min | Pressure | Bath opening (mm) | Overall Dimensions (WxDxH) |
|---------|--------------|----------------|--------------|-----------------|----------|-------------------|----------------------------|
| DX-300 | -20°C | ±0.1°C | 4 | 0~10 | 0~0.8bar | φ 180*180 | 230*485*500mm |
| DX-600 | -20°C | ±0.1°C | 5 | 0~28 | 0~2bar | φ 250*200 | 300*400*720mm |
| DX-1000 | -20°C | ±0.1°C | 8 | 0~28 | 0~2bar | φ 300*250 | 365*405*865mm |
| DX-2000 | -20°C | ±0.2°C | 15 | 0~28 | 0~2bar | φ 350*250 | 425*465*1125mm |
| DX-3000 | -20°C | ±0.1°C | 25 | 0~28 | 0~2bar | φ 200*200 | 300*400*720mm |

Precision Water Bath



Features:

- Robust and reliable
- Applying PID precise temperature control technique.
- Temperature setting in °C from -15°C to +95°C.
- Temperature control accuracy $\pm 0.05^\circ\text{C}$ ensures precise test conditions.
- Removable heating assembly enables convenient cleaning of all parts.
- Large bath volume, reduced space requirement.

| | Temperature Range °C | Temperature Accuracy | Capacity (L) | Flow rate L/min | Depth | Bath opening (mm) | Overall Dimensions (WxDxH) |
|--------|----------------------|----------------------|--------------|-----------------|-------|-------------------|----------------------------|
| HX-101 | -15~95 | ± 0.05 | 6 | 5~10 | 150mm | W130*D145 | 230*280*380mm |
| HX-201 | RT+5~95 | ± 0.05 | 12 | 5~10 | 150mm | W130*D145 | 230*475*475mm |

Applications:

Rotary evaporator Distillation
Calorimeter Fermenter
Refractometer Electrophoresis chamber
Polarimeter Photometer
Viscometer Rheometer

Immersion Circulators



Features:

- Digital display for measurement and set temperature
- Microprocessor PID control

| | Temp. Range °C | Temp. Accuracy | Capacity (L/min) | Heating power | Immersion depth (mm) | Overall Dimensions (WxDxH) |
|----|-------------------|-------------------|---------------------|------------------|-------------------------|-------------------------------|
| A2 | -50~100 | ±0.1°C | 10 | 1000W | 70-150 | 80*125*300mm |
| A3 | -50~100 | ±0.1°C | 12 | 1500W | 70-120 | 80*125*360mm |

Immersion Coolers



| Model | Temperature Range °C | Cooling Capacity | | | Cooling pipe |
|-------|-------------------------|------------------|-------|-------|--------------|
| | | 0°C | -20°C | -40°C | |
| EK201 | -20 | 300 | 140 | - | φ 50*150mm |
| EK202 | -20 | 800 | 400 | - | |
| EK401 | -40 | 320 | 180 | 60 | φ 75*180mm |

| | | | | | |
|-------|-----|-----|-----|-----|--|
| EK402 | -40 | 780 | 360 | 140 | |
|-------|-----|-----|-----|-----|--|

Flake Ice Makers



| | Max. Ice making Kg/24H | Ice storage Kg | Water consumption (L/H) | Power | Power Supply | Overall Dimensions (WxDxH) |
|-------|---------------------------|-------------------|-------------------------------|-------|-----------------|-------------------------------|
| FM40 | 40 | 15 | 1.9 | 400W | 220 V /50Hz | 480*480*720mm |
| FM50 | 50 | 15 | 2.4 | 410W | 220V/50Hz | 480*480*740mm |
| FM70 | 70 | 30 | 3.0 | 430W | 220V/50Hz | 580*550*880mm |
| FM100 | 100 | 35 | 4.3 | 460W | 220V/50Hz | 580*550*900mm |
| FM130 | 130 | 40 | 5.5 | 480W | 220V/50Hz | 580*550*920mm |
| FM180 | 180 | 45 | 7.6 | 500W | 220V/50Hz | 690*620*990mm |
| FM210 | 210 | 60 | 8.9 | 700W | 220V/50Hz | 690*620*990mm |

Features:

- ★ Full ice display
- ★ Insufficient water display
- ★ Motor trouble display
- ★ Condensation over-heat display
- ★ Insufficient Refrigerant display
- ★ Warning functions for troubles until stop.