

The low temperature circulator continuously offers chilled coolant to rotary evaporator and other instrument which working in a low temperature condition. It reduces the consumption of tap water and improve the cooling efficiency. With a compact structure and environment-friendly design, it is an ideal choice for academic, analytical and industrial laboratories.

## CCP5-15

## CCP5-20

### Low Temperature Circulator

#### Features & Advantages

- PID temperature control with built-in PT1000 sensor provides high accuracy of temperature control
- LED display shows the set or actual temperature clearly
- Short circuit protection, over-current/overload protection, and delayed start protection
- Integrated design of drain outlet and coolant circulation outlet for convenient operation
- German-made pump that is environment-friendly, quiet and durable
- The compressor employs state-of-the-art R290 environment-friendly refrigerant to protect environment and human health
- CCP5-20 support connecting 2 units evaporators with excellent cooling performance (need order another hose 18203125 under such application)



- The part in contact with liquid is made of stainless steel or high-quality corrosion-resistant material;



- User-friendly operating panel configuration;



- A large-volume open reservoir allows easy filling and supports cold trap experiment;



- The caster design for free movement and fixing.





### Specifications

	CCP5-15	CCP5-20
Range of temperature control	-15°C-Room temperature	-20°C-Room temperature
Temperature adjustment accuracy	0.1°C	0.1°C
Temperature control accuracy	±1.0°C (-20°C ~0°C typical value) ±0.5°C (0°C ~20°C typical value)	±1.0°C (-20°C ~0°C typical value) ±0.5°C (0°C ~20°C typical value)
Reservoir capacity	5L	5L
Range of temperature adjustment	-30°C~30°C	-30°C~30°C
Temperature display	LED	LED
Type of temperature sensor	PT1000	PT1000
Compressor refrigerant	R290	R290
Circulating pump throughput	12L/min	12L/min
Pump pressure	0.6 bar	0.6 bar
Circulating pump head	6m	6m
In-out cycle interface	12mm pagoda-type interface	12mm pagoda-type interface
RS232 interface	Yes	Yes
Machine power	350W	700W
Maximum overall dimensions	370 x 420 x 730(mm) with caster	440 x 460 x 730(mm) with caster
Weight	46kg	50kg
Power supply	220V 50Hz/60Hz	220V 50Hz/60Hz, 110V 50Hz/60Hz
Operating environment	10~40°C, RH≤80%	10~40°C, RH≤80%

### Cooling capacity

CCP5-15	°C	-15	-10	-6.7	-5	0	5	7.2
	W	381	460	520	553	661	786	847
CCP5-20	°C	-20	-13	-10	0	10	14	20
	W	607	668	694	785	883	924	989