

Low Temperature Circulator

SCIOGEX Low Temperature Circulator, is water-efficient and provides high cooling efficiency, capable of almost any cooling requirements in lab or industrial environments. With a compact structure and environment-friendly design, it is an ideal choice for labs.

SCIP5-20

Low Temperature Circulator

Features & Advantages

- Temperature range: -20 to room temperature
- Employs PID temperature control with built-in PT1000 temperature sensor that provides high accuracy of temperature control
- A crystal-clear LED display that switches between display of set temperature and that of actual temperature
- The entire unit is capable of protection against short circuit, over-current, overload and delayed start
- Integrated design of drain outlet and water outlet that allows easy drainage
- German-made compressor that is environment-friendly, low-noise and durable
- The compressor employs state-of-the-art R290 environment-friendly refrigerant to protect environment and human health

- The liquid pathway is made of stainless steel or high-quality corrosion-resistant material



- User-friendly operating panel for easy operation



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



- Casters for easy manoeuvrability



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Specifications

	SCIP5-20
Range of temperature control	-20°C to Room temperature
Temperature adjustment accuracy	0.1°C
Temperature control accuracy	±0.5°C (0°C ~ 20°C typical value)
Reservoir capacity	5L
Range of temperature adjustment	-30°C~30°C
Temperature display	LED
Type of temperature sensor	PT1000
Compressor refrigerant	R290
Circulating pump throughput	12L/min
Circulating pump head	6m
In-out cycle interface	12mm pagoda-type interface
RS232 interface	Yes
Power	700W
Maximum overall dimensions	440*460*730 (mm)
Weight	50Kg
Power supply	110V 50Hz/60Hz
Operating environment	10°C~40°C RH ≤80%

		Cooling capacity						
°C	-20	-13	-10	0	10	14	20	
W	607	668	694	785	883	924	989	