

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

Range of temperature control
Temperature adjustment accuracy
Temperature control accuracy
Reservoir capacity
Range of temperature adjustment
Temperature display
Type of temperature sensor
Compressor refrigerant
Circulating pump throughput
Circulating pump head
In-out cycle interface
RS232 interface
Power
Maximum overall dimensions
Weight
Power supply
Operating environment

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	