

designed for scientists



RC 5 basic

/// Data Sheet

Powerful recirculating chiller, designed for external cooling applications up to -30°C.

The energy-efficient chiller is operated with an eco-friendly refrigerant and reaches a high power density. This results in a comparatively small working space in the lab.

The speed-controlled PEEK pump allows an indirect, continuous adjustment of the maximum pressure and flow rate. Due to its excellent temperature stability of about ± 0,1 K, the RC 5 can handle even sophisticated applications. The isolated, high-quality 7I bath has an integrated hopper and drain valve, ensuring a safe and clean handling of the thermofluid. A hose can be connected to empty the bath in order to avoid direct contact with the thermofluid. The easy-to-open front flap allows an easy cleaning of the cooling unit's air filter.



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Key Features

- Speed-controlled refrigeration system with 1400 W cooling capacity (@20°C)
- Natural thermofluid R290
- Designed for cooling applications up to -30°C RT
- Extended operating temperature range until 80°C
- Excellent temperature stability of about ± 0,1K (@-10°C)
- Speed-controlled pump made of PEEK: (0,6 bar; 31l/min)
- Digital level indicator

Interfaces:

- RS 232 and USB











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Technical Data

Recirculating chiller
R290
90
21
1400
1200
950
650
450
200
-30 - room temp.
-30
80
yes
PID
PT 100
LED
±0.2
0.1
yes
yes
yes
yes
5.0 - 7.0
Pressure- / suction pump
yes
0.61
0.45
31
M16x1
yes
DIN 12876
100
61
310 x 546 x 490
37.5
5 - 32
80
IP 21
yes
yes
100 - 115
50/60
1100



