Julabo

Product data sheet

HT30-M1 High temperature circulator

2-zone technique for working temperatures up to 400 °C

★ Product Features

- ✔ Self-optimizing ICC temperature controller
- ✔ Strong pumping capacity 18 l/min - 1.2 bar max
- ✔ Automatic air-purge allows easy filling
- ✔ Backlit interactive 4-line LCD display
- ✔ Electronic level indication
- ✔ Integrated programmer for 6 x 60 program steps
- ✔ Integrated programmer stores up to 6 profiles (60 sections each)
- ✔ High heating capacity for short heat-up times

Performance values

230V/50Hz (Schuko Plug - CEE 7/4 Plug Type F)	
Heating capacity kW	3
Viscosity max. cSt	30
Pump capacity flow pressure l/min	14 ... 18
Pump capacity pressure bar	0.8 ... 1.2
Power consumption A	15
Voltage Tolerance %	230V	±10

Order number including voltage version (230V/50Hz)	9800031.03

Technical data

Available voltage versions	
Order No.	9800031
Available voltage versions:	
9800031.13	230V 60Hz (Nema N6-20 Plug)
9800031.03	230V 50Hz (Schuko Plug - CEE 7/4 Plug Type F)

Electronics

Interfaces	Profibus optional, RS232, RS485, Standby-Input
External pt100 sensor connection	integrated
Integrated programmer	6x60 steps
Temperature control	ICC
Temperature display	LED
Temperature setting	Keypad

Dimensions and volumes

Filling volume expansion vessel l	1
Internal usable expansion volume l	1.5
Weight kg	27
Total dimensions cm (W × L × H)	23 x 23 x 58
Filling volume l	2
Pump connections	M16x1 male

Temperature values

Working temperature range °C [1]	+70 ... +400
Temperature stability °C	±0.01 ... ±0.1
Ambient temperature °C	+5 ... +40
Temperature display resolution °C	0.01

[1] Starting with a working temperature from 200 °C always use counter cooling.
Bath fluids available for working temperatures up to +350°C.

Other

Classification	Classification III (FL)
IP Code	IP 21

All Benefits

100% Checked.

100% testing. 100% quality. Each JULABO Circulator undergoes thorough quality testing before leaving the factory.

Green technology.

Development consistently applied environmentally friendly materials and technologies.

Control of the external application

External Pt100 sensor connection for precise measurement and control directly in the external application

JULABO. Quality.

Highest standards of quality for a long product life.

Quick start.

Individual JULABO consultation and comprehensive manuals at your disposal.

Satisfied customers.

11 subsidiaries and more than 100 partners worldwide guarantee fast and qualified JULABO support.

Services 24/7.

Around the clock availability. You can find suitable accessories, data sheets, manuals, case studies, and more at www.julabo.com.