

Product data sheet

IC50E Immersion cooler

Modern immersion coolers with natural refrigerant for rapid cool-down of fluids

JULABO immersion coolers are mainly used for counter-cooling in conjunction with heating circulators or for rapid cooling of fluids to low temperatures. The modern IC Series works with natural, climate-friendly refrigerants. The IC50E immersion cooler was developed with a focus on high user-friendliness. Many helpful features such as an AutoStart function or a removable venting grid that can be detached without tools make daily work easier. The inclined OLED touch display is easy to read and ergonomic to operate. The intuitive menu navigation provides simple and quick access to all functions. Warnings and messages in easy-to-understand full-text language ensure safe handling of the units at all times. The magnetic probe holder enables flexible and stable attachment of the probe to magnetic surfaces, ensuring hassle-free positioning for various applications.

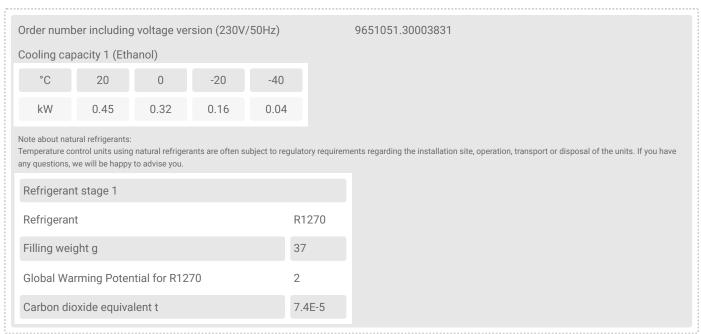




Product Features

- Rapid cooling of liquids down to low temperatures
- Counter-cooling of liquids in combination with heating circulators
- ✓ Preventing the use of precious tap water for cooling
- Ease of operation
- Dry ice substitution

Performance values





Technical data

Available voltage versions	
Order No.	9651051
Available voltage versions:	
9651051.30003830	115V 60Hz (Nema N5-15 Plug) (R1270)
9651051.30003831	200-230V 50/60Hz (Schuko Plug - CEE 7/4 Plug Type F) (R1270)
9651051.30003833	230V 50/60Hz (CH Plug Type SEV 1011) (R1270)
9651051.30003832	230V 50Hz (UK Plug Type BS1363A) (R1270)

Cooling	
Cooling of compressor	1-stage Air

Electronics	
Interfaces	USB
External pt100 sensor connection	integrated
Temperature display	OLED
Temperature setting	Touchscreen

Immersion cooler		
Dimensions probe tube Length cm (L x Ø)	120	
Immersion probe type	inflexible	
Dimensions immersion probe cylindrical Length cm (L x \emptyset)	10	
Dimensions immersion probe cylindrical Diameter cm	5	
Dimensions probe tube cm (L x Ø)	120	
Dimensions immersion probe cylindrical cm (L x Ø)	10 x 5	

Dimensions and volumes	
Weight kg	23.5
Total dimensions cm (W \times L \times H)	23 x 46 x 40
Body dimensions cm (W \times L \times H)	23 x 44 x 36



Temperature values	
Working temperature range °C ¹	-50 + 100
Temperature stability °C	±0.5
Ambient temperature °C	+5 +40
Temperature display resolution °C	0.1
¹ JULABO immersion coolers are especially suitable for cooling	

Ambient temperature °C	+5 +40
Temperature display resolution °C	0.1
¹ JULABO immersion coolers are especially suitable for cooling applications and therefore cannot be used as heaters. The specification of the working temperature range above the ambient temperature corresponds to the maximum permissible temperature in the application for which the immersion cooler is approved. The lowest temperature of the working temperature range corresponds to the minimum temperature that the probe reaches at its surface.	

Other	
Sound pressure level dbA	55
Classification	Classification I (NFL)
IP Code	IP 21

Refer to www.julabo.com for more information regarding the entire JULABO product portfolio. Technical changes without prior notification. Images may deviate from the original. | Datasheet No.EN9651051/250519