



INDUSTRIAL THERMAL STIRRER

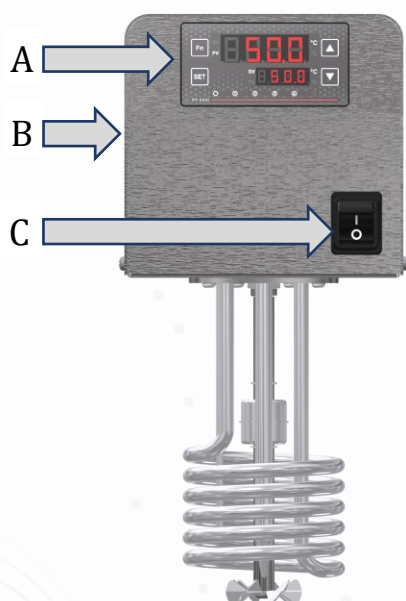
Model:

ITS-01

- Designed for installation in baths, tanks, and similar liquid-filled containers
 - Integrated heating and circulation for precise temperature control
- Ensures excellent temperature stability and uniform temperature distribution
 - Suitable for industrial, laboratory, and process applications
- All wetted parts are electropolished to provide excellent corrosion resistance
 - Complete external body made in stainless steel



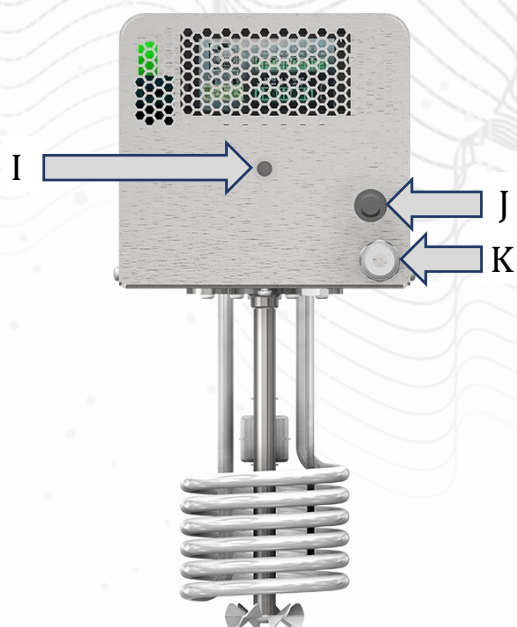
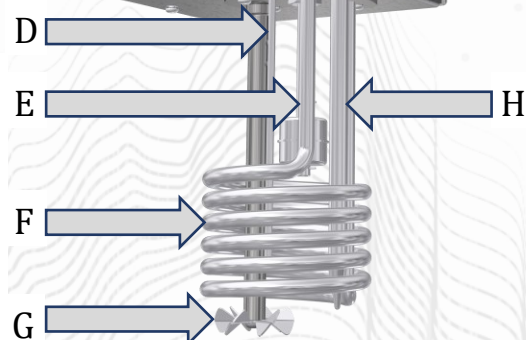
Device overview:



- A HMI (Human-machine interface)
- B Electrical cabinet
- C Main switch



- D Temperature sensor
- E Level switch
- F Heater
- G Stirrer
- H Over-temperature shut-off device

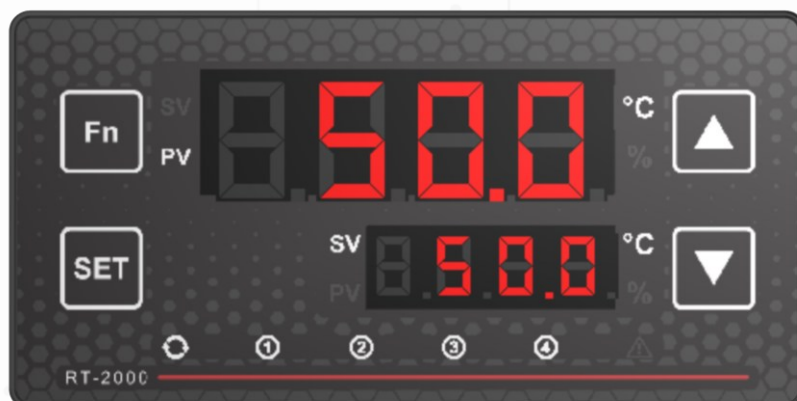


- I Threaded anker for mounting the device
- J Over-temperature shut-off reset button
- K Power cord

HMI (Human-machine interface):

The device is equipped with an RT-2000 controller with an integrated HMI (Human-machine interface). The HMI allows the operator to control the main functions of the device and to adjust the required operating settings directly on the controller.

Digital controller permanently displays temperature set value and actual fluid temperature. It also enables advanced configurations of stir speed and temperature calibration. Low fluid level is detected by level switch disabling heating and stirring. Over-temperature is protected with independent adjustable electromechanical over-temperature shut-off device.



Technical data:

INDUSTRIAL THERMAL STIRRER		ITS-01
		
TECHNICAL DATA	Unit	
External dimensions (W x H x D)	mm	160 x 160 x 335
Required immersion depth	mm	200
Temperature range	°C	T ambient +5°C ... 90°C
Temperature display resolution		0,1
Temperature settings resolution	°C	0,1
Temperature control		PID
Temperature stability	°C	±0,1
Heater power	W	2500
Power supply	V	230
Frequency	Hz	50
Total electrical power	W	2600
Weight	kg	4,4

Ordering information and accessories:

Description	Part no.
Industrial thermal stirrer ITS-01	1271

