

B WATER BATHS

Immersion Heater Circulators



ICB-12



ICD-12

ICB-12, Immersion Circulator - Basic Model

Features:

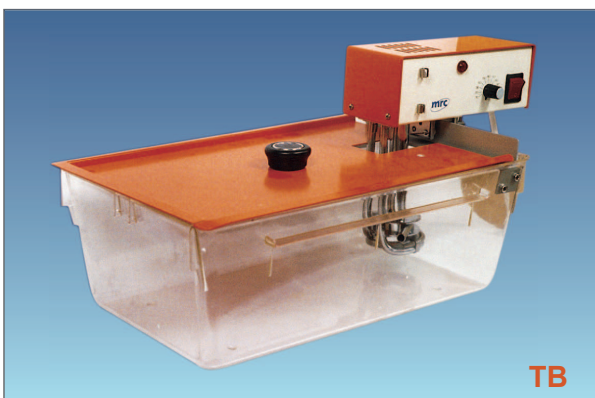
- Temperature range: ambient to 100°C (with cooling +10 to 100°C).
- Accuracy: approx. ± 0.3 to $\pm 1^\circ\text{C}$.
- Pumping capacity: up to 12 l/min.
- Safety Cut Off.
- 12L/min max. head 2m.
- Optional: External circulation.

ICD-12, Digital Immersion Circulator

Features:

- Digital set and display of actual operating temperatures.
- PID controller provides very precise temperature control.
- Adapts to many different containers.
- Temperature range: ambient +5°C to 100°C (with cooling -10°C to 100°C).
- Accuracy: approx. $\pm 0.1^\circ\text{C}$.
- Pumping capacity: up to 12 l/min.
- Immersion depth: minimum 6 cm, maximum 15.5 cm.
- Safety Cut Off.

Model	ICB-12	ICD-12
Temperature range	up to 100°C	
Temperature stability	$\pm 0.3^\circ\text{C}$ to 1°C	$\pm 0.1^\circ\text{C}$
Controller	Basic analog	PID Digital
Readout	Thermometer	Digital °C/°F
Pumping flow	12 Liter/min	
Immersion	Minimum 6cm, Maximum 155mm	
Heater	1000Watt	
Over temp. safety	Adjustable	
Dimensions (mm)	W200xD240xH90	
Weight	2kg	23kg

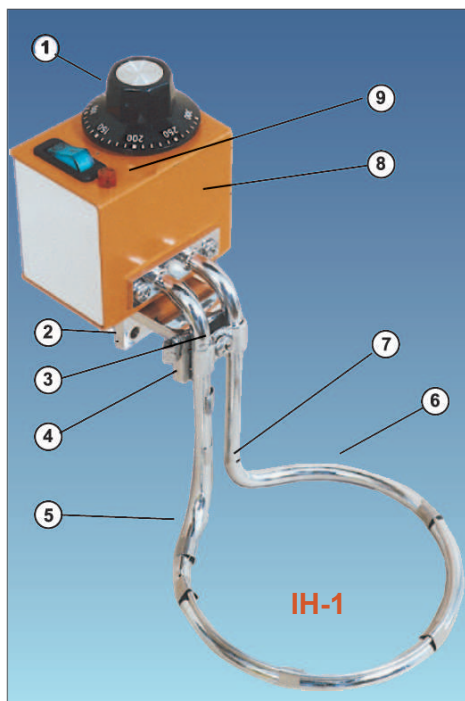


TB

TB-Series, Polycarbonate Tank TB Type For Immersion Thermostat / Circulator

PC Tank with bridge for fixing immersion circulator ICB/ICD-12, Seamless Transparent Polycarbonate Tank - withstands 120°C. Heating circulators are commonly used for cell cultures, enzyme assays, coliform testing, DNA incubation & procedures.

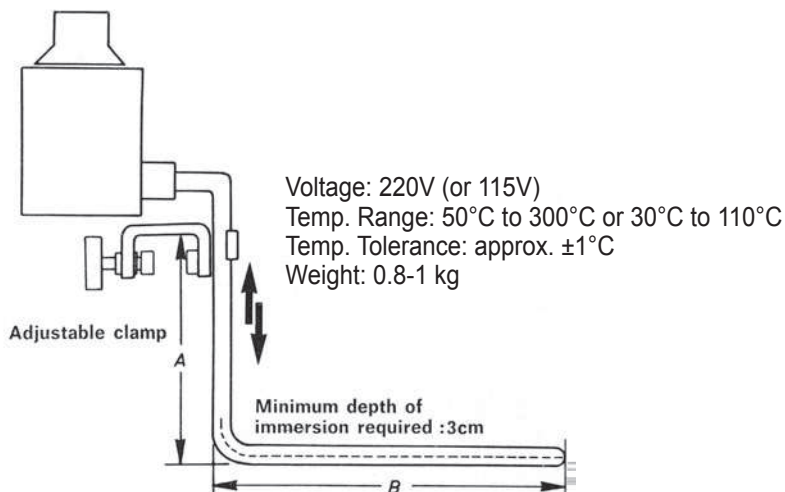
TB-7	16x30x13cm Height, 7 Liter
TB-8	21x35x14cm Height, 8.5 Liter
TB-11	18x27x18cm Height, 11 Liter
TB-14	21x35x18cm Height, 14 Liter
TB-30	32x51x20cm Height, 30 Liter



IH-Series, Thermostatic Controlled Immersion Heaters

Immersoheat: Thermostatically Controlled Immersion Heaters.

Reliable element for accurately heating liquids to temperatures of up to 300°C with a tolerance of approx. $\pm 1^\circ\text{C}$. Designed for trouble-free application. Suitable for use in science and industry for: Distillation, evaporation, sterilization, rotary evaporation, ultrasonic cleaning, photographic bath etc.



Immersoheat Features:

- Easily converts any container into a thermostatically controlled bath from ambient to 300C.
- Rugged, reliable, convenient, maintenance-free, energy-saving & reasonable priced.
- Fully valid substitute for expensive water and oil baths.
- Permits utilization of the entire contents of the container, without effecting the functioning of stirrers.
- Heat is applied directly to the liquid, ensuring rapid rise of temperature.
- Safe - fast acting thermostat server as low-level cut out.
- You get the temperature you set.
- Control box is located on the outside and is unaffected by vaporous and temperature effects.

Model 50-300°C	Model 50-110°C	Watts	"A" mm	"B" mmØ
IH3/13	IH1/13	500	100	130
IH3/15	IH1/15	750	110	150
IH3/17	IH1/17	750	120	170
IH3/19	IH1/19	1000	130	190
IH3/21	IH1/21	1000	150	210
IH3/23	IH1/23	1250	180	230
IH3/25	IH1/25	1500	200	250
IH3/27	IH1/27	1500	200	270

IMMERSOHEAT IH-1

- 1- Temperature setting in °C
- 2- Threaded hole for attachment to stand
- 3- Height adjustment permits wide range of application
- 4- Mounting bracket (patented design) with teflon-tipped disc premitting secure clamping to all surfaces, including glass
- 5- Heating element chromium-plated copper sheath: also available in stainless steel on special order
- 6- Fast-acting thermostat also serves as low-level cut-out, preventing element burn-out and fire hazard
- 7- Shallow immersion depth (3 cm)
- 8- The control housing is located outside the vessel and thus protected against vapors and temperature effects
- 9- Indicator light

CP-13/17, Circulation Pump

Pumping Capacity up to 13 liter/minute.

Model CP-13:

Max. Immersion Depth 13 cm.

Model CP-17:

Max. Immersion depth 17 cm.

