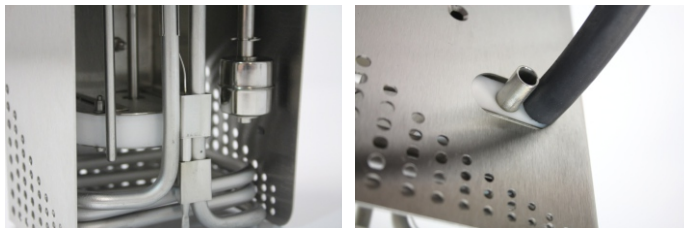
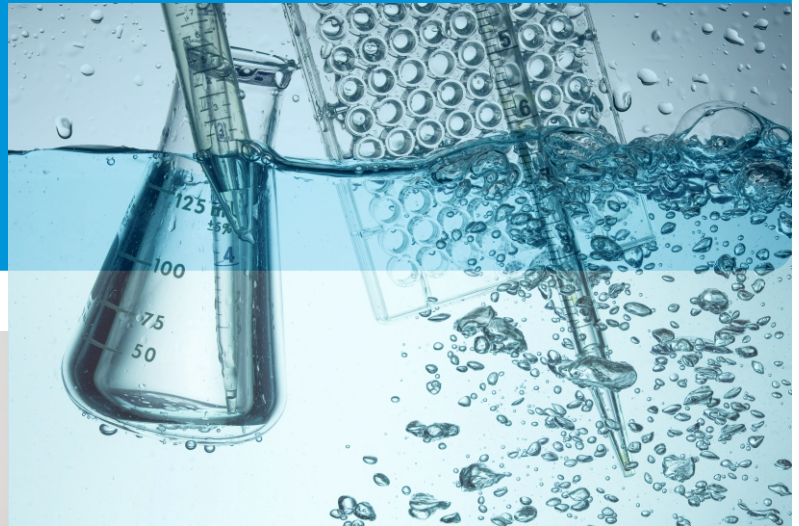


RATEK DIGITAL IMMERSION CIRCULATORS

- Wide Range of Models Available
- Precision Temperature Control & Stability
- Multi-Level Safety Features
- Simple to Operate
- Universal Mounting Options



Australia's Best Range of Immersion Circulators Just Got Better !

With a model to suit every application, the THx000 range of immersion circulators from Ratek delivers precise temperature control with the simplicity and legendary Ratek reliability you've come to expect from Australia's leading brand. All models feature accurate digital PID control, including the entry level TH7000 right through to the top of the range fully programmable TH8500. A long list of new features has been added to the range, including an adjustable mounting system with retort option, adjustable high-flow pump, dual-line digital display, improved accuracy and stability plus a simplified user interface.

Supported by Ratek's unparalleled local support and service plus 3 year parts warranty, the THx000 range from Ratek makes choosing your next immersion circulator simple.

- High-Flow Circulator & Dual-Outlet Pump Options
- Programmable Ramp/Soak Option
- 1 kWatt and 2.2 kWatt Heating Options

Need a Matching Bath ?

To accompany the THx000 circulators, Ratek offer the IT700, IT1100 and IT2400 modular insulated water bath range for best performance. Available in 7, 11 and 24 Litre capacities, all baths feature rugged stainless steel tank and case, with durable powder coated finish and a range of bridge, tap and lid options. The insulated construction ensures the THx000 range will deliver outstanding temperature uniformity and stability every time.



From basic circulation to advanced profiling, all options are covered

KEY FEATURES

Feature		Applicable Models
Large Dual-Line Bright LED Display	Displays both set temperature and current temperature simultaneously, allowing easy visibility from the other side of the lab.	TH8000, TH8200, TH8500
High-flow Adjustable Pump	High flow rate of 17 L/min ensures temperature uniformity in large baths, with adjustable flow rate for gentler circulation in small baths. The dual-outlet design allows for external circulation/pump-out whilst the bath is also circulated for temperature uniformity.	TH7100, TH7300, TH8000, TH8200, TH8500
Adjustable Mounting Clamp	The mounting clamp can be adjusted to fit virtually any bath, with a clamping range of between 0 and 63 mm tank width. The clamp also features a mounting boss to suit a retort stand fixing to allow the unit to be suspended over a bath at a specific depth.	All models
Set-Point 2 Preset Mode	The most commonly used temperature can be programmed and then accessed with the flick of a switch without re-keying	TH8000, TH8200
Ramp/Soak Programming	Allows the operator to enter multiple temperature set points and ramp rates over time which are automatically adjusted by the circulator, giving the user complete unattended control of both simple and complex temperature profiles.	TH8500
Audible Alarms	On low water level or over-temperature conditions, the operator is alerted anywhere in the lab that the unit requires attention	TH8000, TH8200, TH8500

MODEL COMPARISON



	TH7000	TH7100	TH7300	TH8000	TH8200	TH8500
Temperature Control Type	Digital PID	Digital PID	Digital PID	Advanced Digital PID	Advanced Digital PID	Advanced Digital PID
Digital Display Type	Single-line LED	Single-line LED	Single-line LED	Dual-line LED	Dual-line LED	Dual-line LED
Temperature Control Range	0°C to 100.0°C	0°C to 100.0°C	-30°C to 150.0°C	-30°C to 100.0°C	-30°C to 100.0°C	-30°C to 100.0°C
Set-Point 2 Preset Mode	-	-	-	Yes	Yes	-
Ramp/Soak Programming	-	-	-	-	-	Yes
Control Stability (in Ratek bath with lid)	+/- 0.1°C	+/- 0.1°C	+/- 0.1°C	+/- 0.02°C	+/- 0.02°C	+/- 0.02°C
Heating Power	1,000 Watts	1,000 Watts	1,000 Watts	1,000 Watts	2,200 Watts	2,200 Watts
Minimum Tank Depth	200 mm	200 mm	200 mm	200 mm	200 mm	200 mm
Circulator Type	Non-splash Impeller	Adjustable Pump	Adjustable Pump	Adjustable Pump	Adjustable Pump	Adjustable Pump
External Pump-out/Recirculation	-	Yes	Yes	Yes	Yes	Yes
User Configurable Over-temp Alarm	Visual	Visual	Visual	Audible & Visual	Audible & Visual	Audible & Visual
User Configurable Under-temp Alarm	-	-	-	Visual	Visual	Visual
Low-level Alarm	-	-	-	Audible & Visual	Audible & Visual	Audible & Visual
Low-level Cutout	-	-	-	Yes	Yes	Yes
Control Over-temp Cutout	-	-	-	Yes	Yes	Yes
Boil-dry Protection	User Resettable	User Resettable	User Resettable	User Resettable	User Resettable	User Resettable
Element Guard	-	Yes	Yes	Yes	Yes	Yes
Replaces Model	TH6C	TH6P	TH5-150	TH5	TH5-2KW	N/A - New Model

Need Help Selecting a Model ?

For assistance in selecting the best model for your application, or matching a suitable bath, please don't hesitate to contact Ratek.

AUSTRALIAN
MADE & SUPPORTED

3 YEAR
PARTS WARRANTY



Quality
ISO 9001
SAI GLOBAL