



- Excellent Temperature Stability
- Easy To Read Digital Display
- Simple Operation
- Resettable Safety Thermostat
- Adjustable Over-Temp Indicator
- Powerful Non-splash Impeller

Accurate and User Friendly

The TH7000 offers a host of features that make it ideal for many temperature control applications where a pump out facility is not required. The simple to use full digital PID control system produces accurate and stable temperatures, whilst the high-flow non-splash circulating impeller ensures good temperature uniformity even in larger baths. The TH7000 is Ratek's entry level immersion circulator, yet is capable of satisfying many applications where stable temperatures are critical.



SPECIFICATIONS

TH7000	
Temperature Control	Full Digital PID
Digital Display Type	Active bright red LED
Information Display	<ul style="list-style-type: none"> • Current temperature • Set temperature • Over-temp alarm set-point • Heating indicator • 0.1° resolution
Temperature Control Range	0°C to 100.0°C, (external cooling required for ambient +7°C or less)
Control Stability	+/- 0.1°C (in a Ratek bath with lid)
Heating Power	1,000 Watts
Minimum Tank Depth	200 mm
Motor and drive type	Long life brushless AC
Alarm	Visual over-temp indicator
Safety features	<ul style="list-style-type: none"> • Resettable safety thermostat • Over-current protection
Power input	240 VAC / 50-60 Hz
Overall dimensions	W125 x D190 x H360mm
Nett weight	3.6 kg

The TH7000 can be utilised in a wide variety of biomedical, life science, and industrial applications as well as in commercial kitchen cooking techniques such as sous vide. All Ratek immersion heater circulators are built to withstand the toughest of operating environments and feature a unique vent system to ensure steam is kept away from the control unit.

The TH7000 features Ratek's unique expandable clamp bracket system allowing it to be easily fitted to most brands of bath, and also includes a retort stand mounting option for applications where the circulator needs to be suspended over the tank. When used with a Ratek insulated bath, a matching bridge plate is ideal and maximises usable bath space.

With all the key features that many applications demand, the TH7000 immersion circulator delivers value for money with performance that is unmatched in its class.

RELATED PRODUCTS

Product Code	Description
IT700, IT1100, IT2400	Powder-coated stainless steel insulated baths with optional TH bridge, lids, re-circulation ports and drain taps. Designed for TH7000 & TH8000 series.
IT-CUSTOM	Custom made stainless steel or chemical resistant plastic baths, made to size with options for TH bridge, lids, re-circulation ports and drain taps.

AUSTRALIAN
MADE & SUPPORTED

3 YEAR
PARTS WARRANTY



Quality
ISO 9001
SAI GLOBAL