



- Excellent Temperature Uniformity
- Element Guard
- Simple Operation
- Resettable Safety Thermostat
- Adjustable Over-Temp Indicator
- High-Flow Adjustable Pump

### Excellent Uniformity & Simple Operation

The TH7100 is the first in the THx000 range to offer Ratek's high-flow dual-outlet adjustable pump, which ensures excellent temperature uniformity within even the largest of baths. The simple to use full digital PID control system produces accurate and stable temperatures in a very attractively priced package. The TH7100 is capable of satisfying many applications where stable temperatures are critical and offers the convenience of external pump-out and re-circulation.



### SPECIFICATIONS

TH7100	
Temperature Control	Full Digital PID
Digital Display Type	Active bright red LED
Information Display	<ul style="list-style-type: none"> <li>• Current temperature</li> <li>• Set temperature</li> <li>• Over-temp alarm set-point</li> <li>• Heating indicator</li> <li>• 0.1° resolution</li> </ul>
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"> <li>• Resettable safety thermostat</li> <li>• Over-current protection</li> </ul>
Power input	240 VAC / 50-60 Hz
Overall dimensions	W125 x D190 x H360mm
Nett weight	4.46 kg

The TH7100 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 TH7100 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 TH7100 immersion circulator delivers fantastic performance and usability for more demanding applications.

### 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