



- -30°C to +150°C Operating Range
- Element Guard
- Simple Operation
- Resettable Safety Thermostat
- Adjustable Over-Temp Indicator
- High-Flow Adjustable Pump

For More Specialist Applications

The TH7300 is designed to satisfy applications that demand a wider operating temperature range and is capable of controlling down to -30°C with suitable cooling and up to +150°C in a suitable medium. The high-flow pump ensures excellent temperature uniformity, whilst the simple to use full digital PID control system produces accurate and stable temperatures. The low watts-density element is suitable for heating silicon oil and ethylene glycol based heating media.



SPECIFICATIONS

TH7300	
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	-30°C to +150.0°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	4.46 kg

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 TH7300 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.

The TH7300 immersion circulator delivers fantastic performance and usability for more specialist use, whilst being equally suited to less demanding applications. This makes it a good all-round choice for a versatile circulator that can be moved easily from task to task.

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.

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