

# RATEK DIGITAL HEATED WATERBATHS

### Energy Efficient Design

- Large heated area for efficient heat transfer
- Double insulation retains heat, using less power

- Seamless Tank With Excellent Spacial Uniformity
- Bright Dual-Line Digital LED Display
- Precision 0.1°C Digital Operation
- Simple to Operate
- Available in 7, 12, 24 & 50 Litre Sizes



### Smart Safety Monitor - 3 Levels of Safety

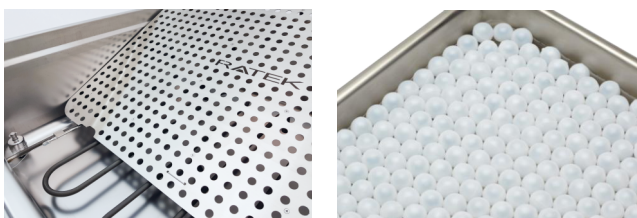
- User configurable process over-temperature audible & visual alarm
- Automatic low water level audible & visual alarm with cutout
- Element safety cutout prevents element thermal runaway

- Intelligent Design Maximises Usable Work Area
- Built-in Adjustable Drain Taps on All Models
- Wide Range of Lid/Cover Options Available

## Made For Everyday

The WBx000D range from Ratek is the latest generation of water baths from Australia's favourite laboratory equipment brand. Designed completely from the ground up with temperature uniformity, safety and reliability in mind, the new range is packed full of features. The WBx000D baths can be utilised in a wide variety of biomedical, life science, and industrial applications as well as food and wine testing, and are available in 7, 12, 24 and 50 Litre capacities.

All models feature precision digital PID control with bright dual line LED display which indicates set and current temperatures, combined with simple up and down temperature control buttons. A large concealed submerged heater heats the bath quickly and with excellent spacial uniformity. The automatic water level sensor will cut power to the heating element when insufficient water is detected before a boil-dry situation is reached.



A user-configurable process over-temp audible and visual alarm also provides the user with peace of mind.

The tank is constructed from a single piece of food grade stainless steel with seamless corners making cleaning a breeze. All baths are supplied with a removable stainless steel guard that protects the user from the heating element whilst giving a sturdy platform to work on. All models also feature an adjustable drain tap conveniently located to sit beyond the edge of the bench for simple and safe emptying of the bath. Ratek's most advanced water baths to date offer simplicity with performance and can be run day in day out.



Simple operation with large bright dual-line display and informative LEDs

### KEY FEATURES

Feature	
Single Piece Tank Construction	The extruded seamless bath provides rounded corners for easy cleaning without any crevices for contaminants to become lodged.
Integrated Drain Taps	An adjustable flow drain tap is integrated into the front panel for easy access which is designed to extend beyond the bench. This allows a suitable container to be placed on the floor underneath the bath for safe and easy emptying.
Precision Control	The intelligent microprocessor based PID controller provides highly precise and stable temperature control, combined with excellent spatial uniformity within the tank.
Simple User Interface	A large bright dual-line digital display indicates the current water temperature as well as the set temperature concurrently, making monitoring of your process simple whilst being easily visible from the other side of the laboratory.
Wide Range Of Applications	The wide temperature control range and accuracy provided makes the baths perfect for sample thawing, bacteriological examinations, warming reagents and media plus incubations in a variety of containers.
First Class Local Support	Built and supported in Melbourne, we pride ourselves on being there when you need us. Whether it's accessories, parts or service, we'll keep you running.



### MODEL COMPARISON

	WB700D	WB1200D	WB2400D	WB5000D
Tank capacity	7 Litres	12 Litres	24 Litres	50 Litres
Usable tank dimensions	W133 x D283 x H145mmmm	W218 x D278 x H145mm	W273 x D473 x H145mm	W602 x D483 x H135mm
Temperature control type	Digital microprocessor PID with dual-line LED display			
Temperature control range	Ambient + 5°C to 100.0°C			
Temperature control stability	+/- 0.2°C			
Bath temperature uniformity	+/- 0.5°C with lid fitted			
Safety features	<ul style="list-style-type: none"> <li>• Automatic low water level sensor with audible and visual alarm</li> <li>• Independent element over-temp cutout</li> <li>• User configurable process over-temp cutout with audible and visual alarm</li> <li>• Over-current fuse</li> <li>• Element guard/platform</li> </ul>			
Heating power	438 Watts	688 Watts	1500 Watts	2300 Watts
Construction	Stainless steel tank and element guard, powder coated steel case			
Overall dimensions	W180 x D400 x H257mm	W270 x D400 x H257mm	W335 x D620 x H257mm	W659 x D620 x H257mm
Nett weight	4 kg	5 kg	7 kg	15 kg

### ACCESSORIES

	WB700D	WB1200D	WB2400D	WB5000D
Gabled Polycarbonate Lid	WB700GPL	WB1200GPL	WB2400GPL	WB5000GPL
Gabled Stainless Lid	WB700GSL	WB1200GSL	WB2400GSL	WB5000GSL
PPB10 Poly Balls (Qty to Fill)	1,000	2,000	4,000	8,000

### Need Help Selecting a Model ?

For assistance in selecting the best bath for your application please don't hesitate to contact Ritek.

AUSTRALIAN  
MADE & SUPPORTED

3 YEAR  
PARTS WARRANTY



Quality  
ISO 9001  
SAI GLOBAL