

# RATEK DIGITAL HEATED WATERBATHS

- Concealed Heater with Seamless Tank
- Excellent Spatial Uniformity
- Smart Safety Monitor
- Simple to Operate
- Available in 2, 5, 11 & 17 Litre Sizes

### Energy Efficient Design

- Large heated area for efficient heat transfer
- Fully insulated construction retains heat



### Smart Safety Monitor - 3 Levels of Safety

- Maintains safe element temperature
- Cutout prevents element thermal runaway
- Additional fail-safe thermal fuse



- Intelligent Design Maximises Usable Work Area
- Built-in Drain Taps on 11 & 17 Litre Models
- Wide Range of Lid/Cover Options Available

## The Next Generation

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. All models feature precision digital PID control with LCD display combined with simple up and down temperature control buttons. A large concealed heater heats the entire base of the bath giving excellent spatial uniformity, whilst an independent safety monitor provides 3 levels of thermal protection. 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 heated surface whilst giving a sturdy platform to work on. Ratek's most advanced water baths to date offer simplicity with performance and can be run day in day out.



## Concealed Heating Element

The WBx000D range features a concealed heating element bonded to the surface of the bath which brings with it a range of advantages. Not least of these is the spatial uniformity, where the large heated surface area delivers even warmth right across the bottom of the tank and ensures excellent energy efficiency. Most notably the concealed element makes cleaning a breeze, with the seamless tank leaving nowhere for debris to hide.



Simple operation with large display and colour coded 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 (WB1100D & WB1700D models only)	For larger baths too heavy to lift for emptying, an adjustable flow drain tap is integrated into the front panel for easy access. A standard 3/8" barbed hose fitting is provided to allow the bath to be plumbed directly into the nearest drain, or to safely direct water to ground level via a hose.
Concealed Heating Element	The large surface area of the concealed heater delivers gentle and uniform heating across the entire bottom surface of the tank, resulting in excellent spacial temperature uniformity. It also makes cleaning quick and simple, as there's no element to work around.
Smart Safety Monitor	All new electronics monitors the element temperature at all times, and cuts power in the event of a run dry or overheat situation before any danger is present. This independent watchdog also alerts the user to a hot bath surface or run dry situation via it's bright LED indicators on the front panel. To reset following a run dry, simply re-fill and power on the unit. Fail-safe thermal-fuse and over-current protections are also present to provide multiple points of safety redundancy. Put simply, the WBx000D from Ratek are the safest baths in their class.
Sturdy Construction	Ratek baths are made from quality stainless steel, and powder coated for extra protection. Made in Melbourne and built to last.
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

	WB200D	WB500D	WB1100D	WB1700D
Tank capacity	2 Litres	5 Litres	11 Litres	17 Litres
Usable tank dimensions (At narrowest point)	L120 x W106 x H140mm	L270 x W120 x H140mm	L300 x W270 x H140mm	L470 x W270 x H140mm
Temperature control type	Digital PID with LCD display			
Temperature control range	Ambient + 5°C to 99.9°C			
Temperature control stability	+/- 0.2°C			
Bath temperature uniformity	Within 0.2°C			
Safety features	Element temperature limiting, Independent element over-temp cutout, Fail-safe thermal fuse, Element guard/platform			
Heating power	175 Watts	533 Watts	998 Watts	1722 Watts
Construction	Stainless steel tank and element guard, powder coated stainless steel case			
Overall dimensions	L211 x W185 x H205mm	L375 x W185 x H205mm	L403 x W335 x H205mm	L581 x W335 x H205mm
Nett weight	3 kg	4 kg	5 kg	6 kg

### ACCESSORIES

	WB200D	WB500D	WB1100D	WB1700D
Gabled Polycarbonate Lid	WB200GPL	WB500GPL	WB1100GPL	WB1700GPL
Gabled Stainless Lid	WB200GSL	WB500GSL	WB1100GSL	WB1700GSL
PPB10 Poly Balls (Qty to Fill)	500	1,000	3,000	4,000

### Need Help Selecting a Model ?

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

AUSTRALIAN  
MADE & SUPPORTED

3 YEAR  
PARTS WARRANTY



Quality  
ISO 9001  
SAI GLOBAL