Microprocessor and Analog Control

Microprocessor: W6M | W14M | W20M **Analog:** W6A | W14A | W20A

W14M

MICROPROCESSOR CONTROL MODELS

SHEL LAB high-performance water baths are accurate, easy to use, safe and durable. The digital set/digital read temperature controller maximizes rapid heat-up. A microprocessor achieves precise temperature control regardless of how the unit is loaded. Calibration is performed directly from the control panel. An important safety "extra" on all our high-performance models is a back-up temperature controller. Should the main circuit fail, samples remain protected.

W14M with Gable Cover

These durable and dependable water baths come in three sizes, each with a variety of safety and convenience features, fully insulated for excellent heat recovery and retention. A unique warm air-jacket design surrounds all sides of the chamber with heated air, providing uniform heating without hot spots. A non-contact, recessed heating element is used to prevent burnout if all water evaporates. Tank construction is of one-piece, drawn stainless steel. There are no seams to leak and cleanup is quick and easy. Additionally, the low/watt/density heating element provides longer element life and minimizes temperature overshoot.

Low silhouette bath design makes for easy loading. Rubber supports ensure the baths stay put. Housings are electrostatically coated with a high-quality textured powder surface. This reduces rust and chipping and makes the surface strongly resistant to corrosive chemicals, nicks and scratches.

W14A

ANALOG CONTROL MODELS

Analog control models feature most of the same unique design features found in the Microprocessor controlled models. Temperature control is achieved with a hydraulic thermostat. An internal (non-adjustable) safety ensures overtemperature protection should the main controller malfunction. An Environ-safe thermometer with adjustable mounting clip is also supplied with each model.

Model Number	W6A W6A-2*	W14A W14A-2*	W20A W20A-2*	W6M W6M-2*	W14M W14M-2*	W20M W20M-2*
Exterior Dimensions (wxdxh) (cm)	13" x 10.5" x 9" 33 x 26.5 x 22.5	13" x 17.5" x 9.5" 33 x 44.5 x 24	13" x 24" x 9.5" 33 x 61 x 24	13" x 10.5" x 9" 33 x 26.5 x 22.5	13" x 17.5" x 9.5" 33 x 44.5 x 24	13" x 24" x 9.5" 33 x 61 x 24
Interior Dimensions (wxdxh) (cm)	12" x 6" x 6" 30.5 x 15.25 x 15.25	12" x 13" x 6" 30.5 x 33 x 15.25	11.5" x 19.5" x 6" 29.25 x 49.5 x 15.25	12" x 6" x 6" 30.5 x 15.25 x 15.25	12" x 13" x 6" 30.5 x 33 x 15.25	11.5" x 19.5" x 6" 29.25 x 49.5 x 15.25
Tank Capacity	6 Liters	14 Liters	20 Liters	6 Liters	14 Liters	20 Liters
Temperature Range	Ambient +5 to 80°C	Ambient +5 to 90°C	Ambient +5 to 90°C	Ambient +5 to 80°C	Ambient +5 to 90°C	Ambient +5 to 90°C
Temperature Control	Analog	Analog	Analog	Microprocessor	Microprocessor	Microprocessor
Temperature Display	Thermometer	Thermometer	Thermometer	Digital	Digital	Digital
Temperature Uniformity	± 0.25°C @ 37°C	± 0.25°C @ 37°C	± 0.25°C @ 37°C	± 0.2°C @ 37°C	± 0.2°C @ 37°C	± 0.2°C @ 37°C
Electrical Requirements Watts/Amps - 120V Watts/Amps - 220V Cycle/Phase	 300/2.5 300/1.5 50-60/Single Phase	 500/4.0 500/2.5 50-60/Single Phase	 500/4.0 500/2.5 50-60/Single Phase	 300/6.0 300/3.0 50-60/Single Phase	 500/6.0 500/3.0 50-60/Single Phase	 500/5.0 500/2.5 50-60/Single Phase

Manufacturer reserves the right to change/modify product specifications

* -2 indicates 220V Stainless Steel Gable Cover included. Distilled water is recommended. Wattage measurements listed are heating elements wattages only Maximum temperatures achieved with cover.