

WB

Temperature Controlled Water Bath

Highlights

Bitrode's water bath is designed to provide a temperature controlled medium for testing batteries.



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Key Features

- Water temperature is controlled by sensor and digital controller to maintain 25° to $80^{\circ}\text{C} \pm 2^{\circ}\text{C}$ (Based on 20°C inlet water temp and flow rates less than 2 gallons per minute. Cover usage required to maintain $80^{\circ}\text{C} \pm 2^{\circ}\text{C}$)
- Water continuously flows around the temperature sensor and batteries and heat is automatically added as required
- Digital temperature controlled
- Stainless steel tank with structural steel base
- Timing circuit refreshes water for approximately two minutes each hour preventing buildup of acid and stale water (line frequency dependent)
 - Water level adjustable by standpipe change
 - Overhead wire tray with openings for optional test leads (std to 55")
 - WB15 holds 15 SLI storage batteries (BCI group 24)
 - WB16 holds 16 SLI storage batteries (BCI group 24)

System Options

- Room temperature water bath available. Temperature control up to 40°C
- High temperature (HT) water bath available (includes covers)
- Temperature control up to 80°C (requires 21A current draw)
- Chiller option available
- Overhead wire tray with openings available to 78" tall
- Custom built models are available upon request

Monitoring Systems

- Multiple unit monitoring systems now available.
- Software displays the status of all waterbaths on one big screen with a red or green light alert display.
- Tolerance limits configured to your specifications.
- See separate flyer on monitoring systems. It is available with all the Bitrode datasheets online using the QR Code below.



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Water Bath

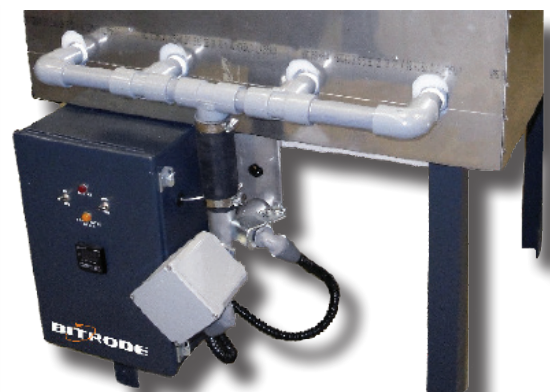
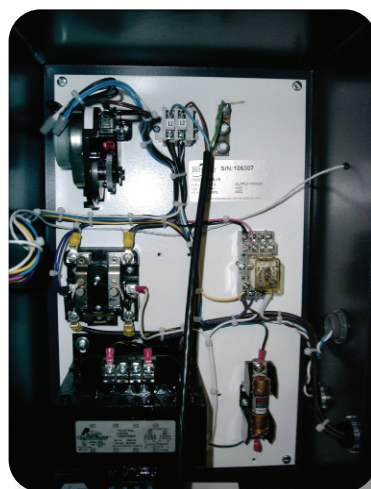
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General Specifications

| Model | Input Power | Current | Phase | Water Pressure | Temp Control | L | W | D |
|------------------|-----------------------|-------------------------------|-------|----------------|--------------------------------|------------------------------------|-----|-----|
| | | <small>*at 230V/ 60Hz</small> | | | | <small>*interior demisions</small> | | |
| WB15 WB15HT | customer specified | 15A | 1 | 5 PSI (min) | up to 40°C up to 80°C | 58" | 27" | 12" |
| WB15D WB15DHT | customer specified | 21A | 1 | 5 PSI (min) | up to 40°C up to 80°C | 58" | 27" | 18" |
| WB16 WB16HT | customer specified | 15A | 1 | 5 PSI (min) | up to 40°C up to 80°C | 70" | 27" | 12" |
| WB16D WB16DHT | customer specified | 21A | 1 | 5 PSI (min) | up to 40°C up to 80°C | 70" | 27" | 18" |

* All specifications are subject to change without notice.



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