

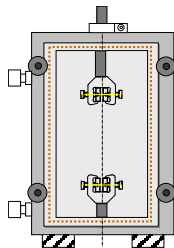


**BioBath  
Model BB**

Large capacity chamber with heater and pump. This package handles larger test samples.

### About TestResources

We are an engineering firm specializing in application engineering solutions to the needs of test engineers and researchers. Our modular product line is customized for most customers to meet the special needs present in an application. Contact us to configure a solution for your needs.



**MiniBath  
Model MB**

Small chamber mounted to test frame (4"W x 6"H x 1"D). This system includes an accessory package for low force testing of biological samples.



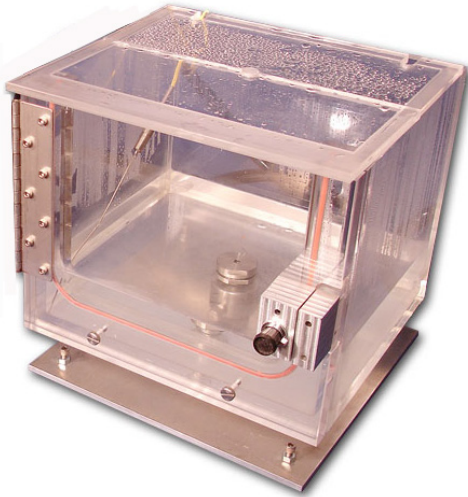
**StaticBath  
Model SB**

Many device tests require a simple temperature (37C) bath without circulation. This affordable solution can be outfitted with grips and fixtures and adapted to a variety of test machines.



**Tall Bath**

This chamber was engineered for a creep test where the polymer based sample was loaded while submerged in 37C saline.



BioBath systems provide a controlled thermal (e.g. 37C) saline environment for research and device testing. A chiller can be provided for lower than ambient temperature conditions. The chamber is can be used with single and dual column load frames and outfitted with fixtures and adapters to perform tensile, compression and fatigue testing.

**Model BB2** – Temperature range: Above ambient to 113°F (45°C)

**Model BB3** – Temperature range: Above ambient to 158°F (70°C)

**Model BB4** – Temperature range: 50°F (10°C) to 158°F (70°C)

The robust clear acrylic chamber features an easy to access front door. The BB2 is 12" wide X 10" deep X 12" high. Other sizes are made to requirements. The large chamber makes it easy to load samples or position accessories. The removable cover is split to match the centerline of the load axis. The split top is provided to minimize evaporation and protect the environment from contamination. Dual ports for flow in and out are located on back bottom. A mercury thermometer is included.

## Controller

Each bath includes a standalone digital temperature controller, heater, and remote RTD temperature sensor.

## Grips and Fixtures

Materials located in the chamber and media are selected for corrosion resistance. The most common choice is stainless steel. Titanium may be applied where actuator load performance is inadequate to handle the tare weight of stainless – contact us for applications support.



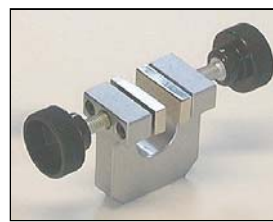
Model BB2 includes a pump with an adjustable flow rate up to ~2 GPM, and temperature control stability of +/- 0.5°F (0.2°C).



G23 Compression Platens – stainless steel - available in many sizes. (56 mm diameter shown)



G140KSS Tensile Grip  
 ○ Rated 50 pounds  
 ○ All Stainless Construction  
 ○ Weighs ~120 grams  
 ○ 10-32 UNF thread  
 ○ Jaws 15 X 15 mm (0.6" X 0.6").  
 ○ Handles specimens to 8 mm thick.



G227SS Tensile Grip  
 ○ Rated 50 pounds  
 ○ All Stainless Construction  
 ○ Weighs ~240 grams  
 ○ 10-32 UNF thread  
 ○ Jaws 25 X 10 mm (1" X 0.4").  
 ○ Handles specimens to 6 mm thick.