Lab ARMOR®

Revive your lab!

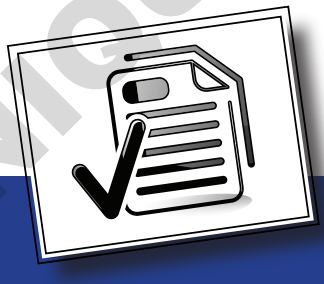
Labs are better waterless.

No more contamination. Ruined experiments. Lost materials. Hassles.

Lab Armor® Beads are eco-friendly and low-maintenance metallic beads that replace water in existing water baths, aluminum blocks in dry baths and even ice in ice buckets. The innovative Lab Armor Beads can also be used in containers placed in ovens and incubators to replace sample racks.

Save Time & Money

Using Beads makes lab experiments easy. No more hassles with emptying, cleaning, and refilling water baths. The bath always stays on, so you don't have to plan around warm-up times. Use Beads in ice buckets and save trips to the ice machine. And no more floating samples.



Stays Clean

Unlike water baths and ice machines that promote harmful microbial growth, Beads keep things dry and unfriendly to microbes. So there is less to clean and less to worry about. The result is more successful experiments and less laboratory downtime.

Stay Organized

Beads hold things in place without accessories. So no more accidents from float away vessels. In fact, Beads aren't limited to capped, watertight vessels. Imagine using petri dishes and 96-well plates right in a Bead Bath. No water. No problem.

Eco-friendly

Beads can transform a water bath into a greener instrument. Beads don't require the use of harmful germicides to keep clean, they use less electricity because the Beads don't evaporate, and the Beads are completely recyclable.

Available in
6, 14 & 20
Liter sizes

Lab Armor Beads

Lab Armor Beads by design, provide a concurrent thermal and antimicrobial activity that efficiently shields the lab and personnel from invading organisms while thermally heating and cooling like water in any standard water bath or heat block.

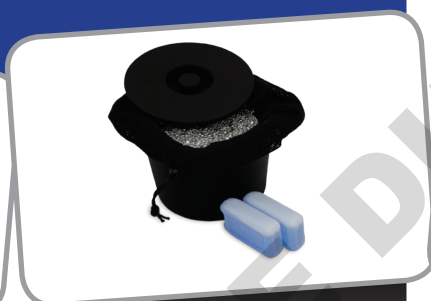
- Compatible with standard constant temperature water baths; Tub with 4-8 inches depth is best
- Accepts and supports any size cnd shape vessel
- Compatible with a broad temperature range from -80°C to 180°C
- Cleans with mild soap, water and 70% ethanol solution

Lab Armor Bead Bath™

The Bead Bath's eco-friendly, state-of-the-art design takes full advantage of the robust properties of Lab Armor Beads. It delivers exceptional temperature uniformity and gets up and running faster. So you can do things with this bath that you can't do with your old water bath. You aren't limited to water tight containers, so you can safely incubate multi-well plates, petri dishes, and open-top samples at any angle.

Thermal Uniformity:
At 37°C ± 1.0°C

Temperature Range:
5°C above ambient to 80°C



Walkabout™ Tray

It's a quarter the size of a traditional lab bucket. This makes it easy to use under the hood or in tight benchtop spaces. With its superior insulative properties, it keeps your samples and reagents at temperature after removing them from the Bead Bath, Chill Bucket, or the refrigerator.

Chill Bucket™

The Chill Bucket is a revolutionary laboratory ice bucket that works without ice. It chills while keeping everything dry and in place, so you no longer have to worry about watery meltdowns or losing track of your samples. It substitutes for an ice bucket and maintains temperatures of -20°C to 8°C for up to 8 hours.

Bead Block™

Bead Blocks replace common solid, drilled-out aluminum blocks in dry bath instruments. They eliminate the need for using multiple different size blocks to fit different sample vessels. Two sizes available in five colors. Temperature range from -80°C to 200°C (beads & blocks).

DryTemp™

The DryTemp is no ordinary dry bath. It's not designed around a solid block, but around Lab Armor Beads for better flexibility and performance. Multitasking is smoother, experiments get done faster, and everything just works better. The temperature range is 5°C above ambient to 150°C.

Lab Armor®

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