

# Dry Bath Incubator



The product is controlled by microcontroller use high purity aluminum material as a heat conduction medium instead of the conditional water bath device, which is easy to use, wide temperature range, high precision and etc. It can be widely used in the sample preservation, reaction of DNA amplification, electrophoresis, degeneration, solidification and other kinds of serum biochemical sample thermostatic incubation process.

Dry bath incubators, also known as dry block heaters, are used in laboratories to heat samples in a variety of applications.

**Molecular biology:** Used in PCR (Polymerase Chain Reaction) applications, nucleic acid hybridization, and other procedures.

**Cell culture:** Used to maintain the temperature of small volumes of cell culture media.

**Sample thawing:** Used to gently thaw frozen samples without thermal shock.

**Chemical reactions:** Used to maintain constant temperatures during chemical reactions.

**Incubation:** Used to incubate reactions and assays that require a specific temperature environment.

**Enzyme reactions:** Used in various enzymatic reactions, such as DNA ligation and restriction digestion.

Dry bath incubators are used in many types of labs, including molecular, microbiological, biochemistry, clinical, and environmental labs. They are a dry and efficient alternative to other heating methods that use liquids.

Here are some things to consider when using a dry bath incubator.

**Temperature control:** Dry bath incubators can be set to different temperature levels, typically ranging from room temperature to near boiling.

Sample containers, Dry baths are generally compatible with standard sample containers.

**Contamination:** Dry baths are less likely to become contaminated or spread contaminants between samples and work surfaces than water baths.

**Features:** Some dry bath incubators come with additional features such as stirring capabilities, programmable temperature profiles, or connectivity options

