



Denagene Tajhiz Company

Biotechnology Lab Equipment Manufacturer and Designer



About Us

Established in 2014 in Tehran, at the Science and Technology Park of Tarbiat Modares University, Denagene Tadjiz proudly stands as a distinguished lab equipment manufacturing Iranian company.

Our focus lies in the design and manufacturing of laboratory and biotechnology equipment and materials, and we take pride in our active Research and Development unit dedicated to advancing essential products within these domains.

Our main goal at Denagene is to provide suitable, reliable, and precise solutions for biotechnology researchers and scientists, enabling them to achieve the best results in their experiments. We have strived to become a leading laboratory in Iran, focusing on quality, precision, and flexibility.

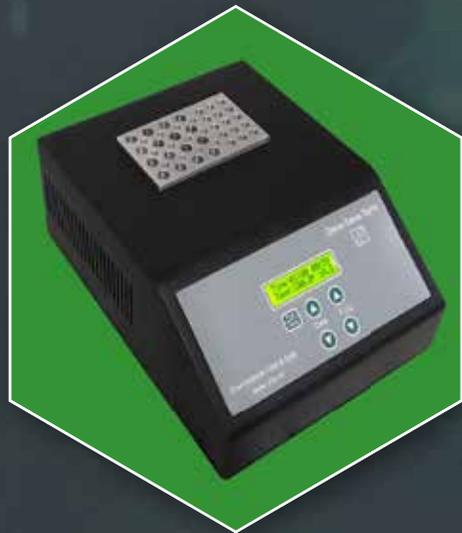
By leveraging the latest technologies, we strive to offer our services and equipment to fellow citizens at a level synchronized with global advancements.

A thermal block (also known as a dry bath incubator) is a specific type of incubator used for the maintenance of laboratory samples. The most important application of a thermal block is in biotechnology, genetics, biochemistry, and microbiology laboratories.

Denagene Tajhiz is a manufacturer of thermal blocks that provide high-temperature accuracy and cover the full temperature spectrum relevant to biological processes.

With its professional and user-friendly design, the device allows users to easily control the temperature of laboratory samples (with an accuracy of 0.1 degrees Celsius) for the desired duration without any contamination.

Additionally, the block of the device is designed to accommodate an appropriate number of samples of different sizes (0.5 ,0.2, and 1.5 milliliters) simultaneously. The utilization of Peltier technology (the technology used in thermal cyclers) ensures the quality, precision, and wide temperature range of Denagene Tajhiz's thermal block device.



Thermoblock

Block: Location of the sample

Display
Showing temperature and time

Air ventilation paths

Temperature adjustment keys

Stop / Run button

To pause and resume the reaction

Time adjustment keys





Applications

- High-temperature accuracy
- Capability to incubate various types of vials
- Ability to heat and cool samples
- Suitable for sensitive molecular laboratory processes
- Wide temperature range coverage
- Utilization of Peltier technology

- Biotechnology
- Genetics
- Biochemistry
- Gene Transfer
- Pathology Laboratories



Features

Technical Specification

Thermoblock

Model	DTB - 100
Temperature Range (°C)	0.5
Speed Of Temperature Increase	About 5 degrees Celsius per minute
Capacity (ML)	0.5* 0.2, 1.5*12, 16*15
Maximum Activity Time	100 Hour
Weight (KG)	4
Input Power	220 volt AC

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Thermoblock

The Thermoblock enhances experimental accuracy and reproducibility by providing stable and uniform heating, which is crucial for sensitive applications such as enzyme reactions and DNA denaturation.

Our Thermoblock offers precise temperature control and uniform heating, making it an indispensable tool for any laboratory requiring reliable thermal cycling.



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Molecular Biology Is Our Business

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