



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 Tajhiz 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.



The **gel casting system** is used as an auxiliary device for horizontal electrophoresis to facilitate the preparation of agarose gels.

To use the Denagene gel casting system, it is necessary first to secure the movable blocking piece and then attach the movable screw piece to the base piece. Now that the gel casting system is ready for use, the device is prepared for gel preparation.

With the gel cast, you can customize the length and width of your electrophoresis gel according to your gel tray, as well as specify the gel depth. It should be noted that Denagene Tajhiz can produce custom models tailored to specific needs.

Gel Casting

Comb

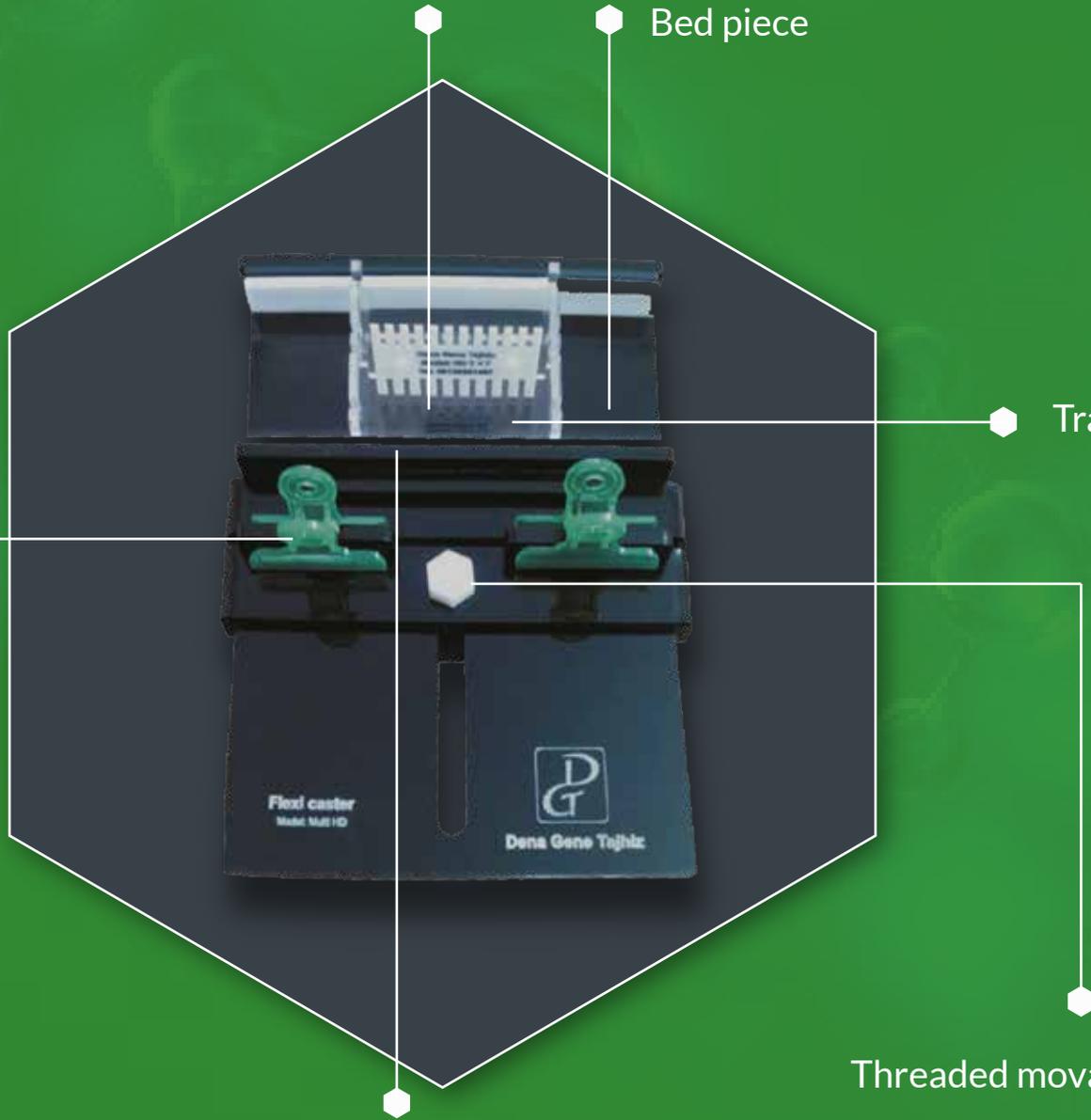
Bed piece

Tray

Clamp

Threaded movable piece

Blocking movable piece





Applications

Preparation of agarose gel
Molecular biology
Genetics
Molecular diagnosis

Clean Electrophoresis Gel Casting
Simplicity in Gel Preparation
Utilization of Excellent Raw Materials
Ability to Create Gels of Various Sizes



Features

Technical Specification

Gel Casting

Model	MidiHD	MultiHD
Usability	Production of Various Agarose Gel	Production of Various Agarose Gel
Maximum Size Of Gel	10*10 7*7	7*7 10*10 "15*15
Cutom Model Creation Ability	Yes	yes

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Gel Casting

The gel casting system is ideal for producing high-quality agarose gels in laboratories, which are used in genetic, biochemical, and molecular biology research.

Our gel casting system, with its innovative design and high-quality materials, facilitates the gel pouring process with greater precision and ease compared to competing products.



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Molecular Biology Is Our Business

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