



Denagene Tajhiz Company

Biotechnology Lab Equipment Manufacturer and Designer



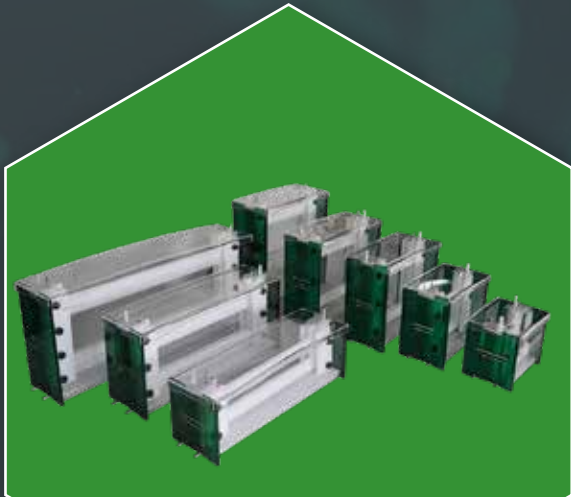
About Us

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.



Vertical electrophoresis is designed for techniques like SDS-PAGE or Native PAGE, primarily used for separating various proteins by applying an electric field to sort them based on size.

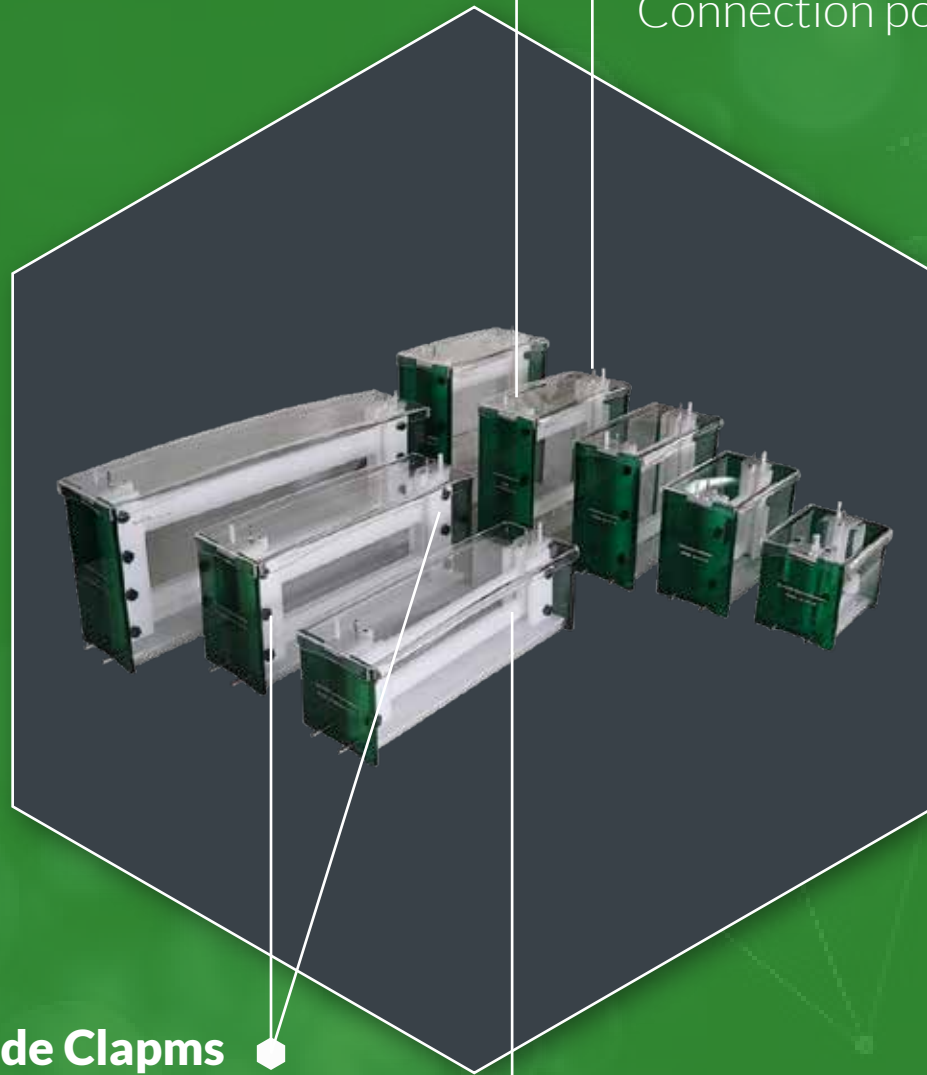
Featuring a circulator system, innovative design, premium materials, customizable gel sizes and capacities, and highly competitive pricing, Denagene Tajhiz's vertical electrophoresis tanks are the top choice for protein separation.

With easy gel running, high-quality results, extensive user options, and unique features, Denagene Tajhiz is proud to produce the best-selling vertical electrophoresis tanks in the country.

Vertical Electrophoresis

Anode
Connection point for the electrode

Cathode
Connection point for the electrode



Side Clapms

Running Module

Components:

Tank chamber

Gel-running module

Tank lid

Glass plates for gel preparation

Comb

Interface cables



Applications

- Used in molecular biology experiments for the separation of DNA, RNA, and proteins.
- Utilized for assessing the quality of food products.
- Applied in forensic medicine for DNA analysis and DNA fingerprinting.

- Simplest casting system
- Fast and uniform separation
- Easy assembly system for gel preparation
- Pure platinum electrodes
- Circulation system
- Precise design to prevent buffer leakage



Features

Technical Specification

Vertical Electrophoresis

Model	Maxi VD 22*23	Mini VD 10*11
Plate Dimensions (cm)	22 * 23	10 * 11
Gel Dimensions (cm)	20 * 21	8 * 8.5
Gel Quantity	2	2
Gel Volume (ml)	2 * 44.1	2 * 6.5
Tank Dimensions (cm)	30 * 12.5 * 25	17 * 12.5 * 14
Internal Buffer Volume (ml)	750	80
External Buffer Volume (ml)	4000	1000
Maximum Sample	2 * 24	2 * 11

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Vertical electrophoresis is crucial for molecular biology experiments, enabling the separation and analysis of DNA, RNA, and proteins with high resolution and clarity.

Our Vertical Electrophoresis system stands out with its innovative design, high-quality materials, and competitive pricing. Its ease of use and superior performance ensure reliable and accurate protein separation, making it an essential tool for any laboratory.

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Contact Us

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Denagene, The Powerful Gene

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