



# **Denagene Tajhiz Company**

Biotechnology Lab Equipment Manufacturer and Designer



## About Us

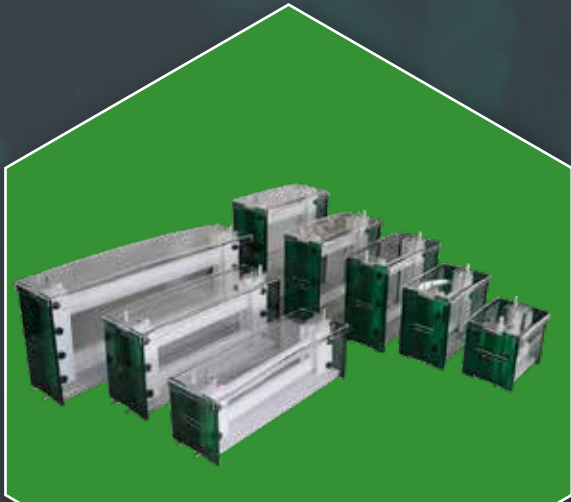
Established in 2014 in Tehran, at the Science and Technology Park of Shahid Beheshti University, Denagene Tajhiz proudly stands as a distinguished lab equipment manufacturing Iranian company.

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.



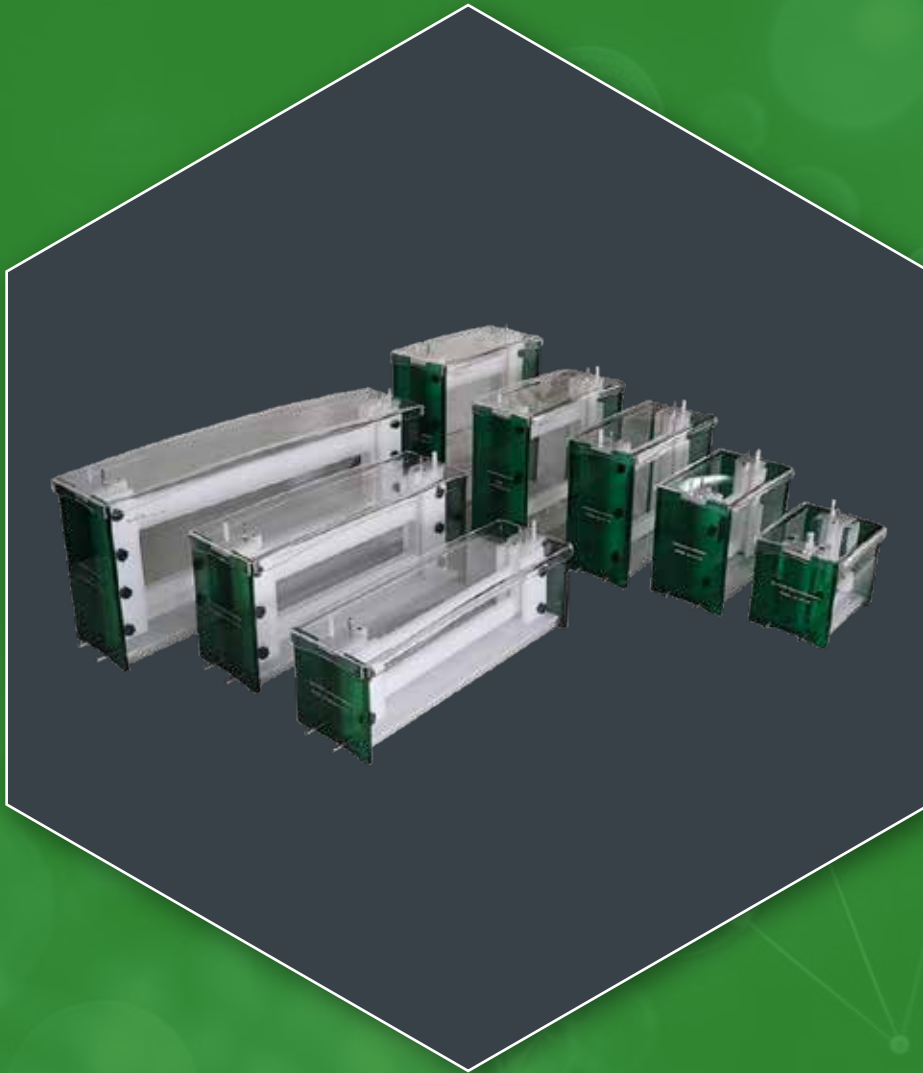


**Vertical electrophoresis** is used for techniques such as SDS-PAGE or Native PAGE. The primary application of this device is the separation of various types of proteins by applying an electric field to separate them based on size.

With a circulatory system, a completely new design, high-quality raw materials, the ability to choose different gel sizes and capacities, and highly competitive pricing, Denagene Tajhiz's electrophoresis tanks are the best choice for users in protein separation.

Features like easy gel running, high-quality results, and a wide range of user options have made Denagene Tajhiz proud to produce the best-selling vertical electrophoresis tanks in the country.

## Vertical Electrophoresis



## **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
- Competitive price
- Excellent after-sales service
- Circulation system



## Features

# Technical Specification

Vertical Electrophoresis

Model	Maxi VD 22*23	Mini VD 10*10
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 )	ξ...	1000
Maximum Sample	2 * 24	2 * 11



**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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# Molecular Biology Is Our Business

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