



Denagene Tajhiz Company

Biotechnology Lab Equipment Manufacturer and Designer



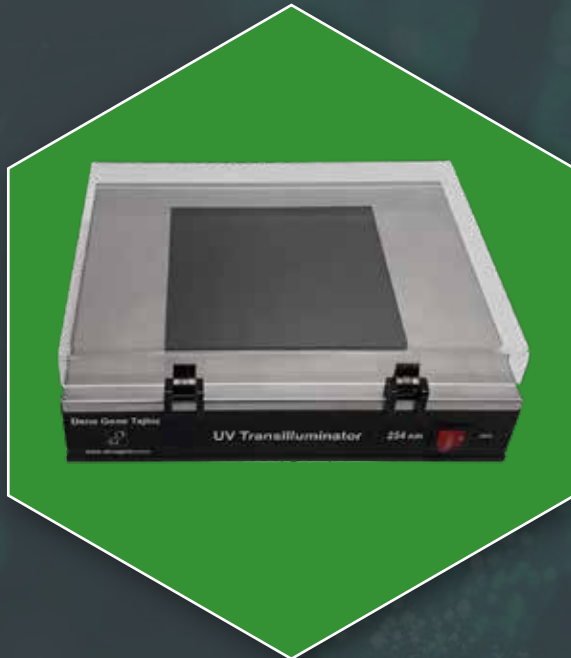
About Us

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 **UV transilluminator** is the simplest method for high-quality visualization of DNA bands. After completing the electrophoresis process, it is necessary to examine the results related to the DNA bands.

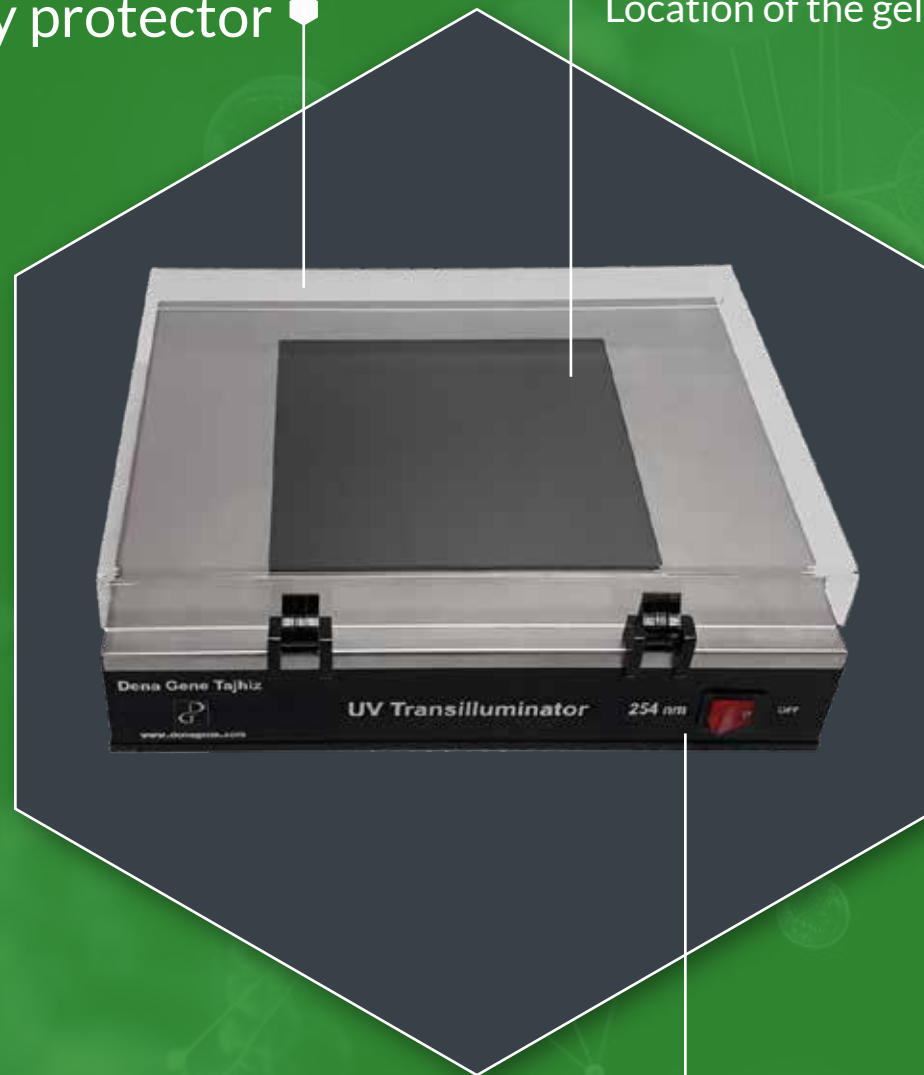
To meet the needs of researchers and specialists, Denagene Tajhiz has designed and produced various models of transilluminators, especially UV transilluminators, which are most commonly used for the detection of DNA and RNA bands.

By attaching fluorescent dyes to the DNA bands, a property is created in these dyes that enables the visualization of DNA bands when exposed to UV light at specific wavelengths. In all models of the UV transilluminator, Denagene Tajhiz utilizes a stainless-steel cover to effectively shield users from harmful UV radiation.

UV Transilluminator

Cover
UV ray protector

Optical filter
Location of the gel



Adjustment button
To adjust the wavelength



Applications

- Detection of DNA bands
- Analyzing PCR products.
- Separating genomic DNA before Southern blotting or separating RNA before Northern blotting.

- Stainless steel, resistant to corrosion, and durable.
- Equipped with a UV lamp.
- Uniform Distribution of UV Light Intensity Along the Filter.
- Ability to customize for all wavelengths.
- Secure Design



Features

Technical Specification

UV Transilluminator

| Model | TRD UV |
|-----------------------------|-----------------|
| Wavelength (nm) | 312*254 |
| Filter Size (cm) | 200*200 |
| Outer Dimensions (mm) | 360 * 300 * 100 |
| weight (Kg) | 3.5 |
| Function Temperature (°C) | 0-40 |
| Humidity(%) | 20-80 |

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UV Transilluminator

The UV Transilluminator enhances the accuracy of gel analysis by providing high-contrast images, which are crucial for detecting even the smallest DNA and RNA fragments.

Equipped with advanced UV technology and a durable design, our transilluminator ensures consistent performance and long-term reliability, providing excellent value for your laboratory.

Contact Us



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Molecular Biology Is Our Business

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