

# U.S. In-vitro Fertilization Microscope Market Size, Share & Trends Analysis Report By End-use (Clinical, Academic Research), And Segment Forecast, 2024 - 2030

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## Abstracts

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### U.S. In-vitro Fertilization Microscope Market Growth & Trends

The U.S. In-vitro fertilization microscope market size is anticipated to reach USD 41.4 million by 2030, registering a CAGR of 7.62% from 2024 to 2030, according to a new report by Grand View Research, Inc. The increasing demand for fertility treatments and the growing focus on the precision & accuracy of fertility procedures are the major factors contributing to market growth. Advancements in microscopy technology have significantly improved the efficiency and success rates of in-vitro fertilization (IVF) procedures. Cutting-edge features lead to enhanced visualization of gametes and embryos, driving market growth. Moreover, the overall growth and expansion of healthcare infrastructure in the U.S. contributed to the demand for IVF microscopes.

As healthcare facilities upgrade their equipment and facilities to meet increasing patient needs, there is a parallel investment in state-of-the-art microscopy systems for IVF labs. The growing number of fertility clinics in the U.S. is another factor driving the demand for IVF microscopes. As more fertility clinics are established, there is a corresponding increase in the demand for advanced IVF equipment, including microscopes. Furthermore, favorable government initiatives and policies promoting IVF procedures and infertility treatments have contributed to market growth. The government promotes grants, such as Baby Quest, Footsteps for Fertility, and Parental Hope Family Grants.

## U.S. In-vitro Fertilization Microscope Market Report Highlights

The clinical sector dominated the end-use segment with a share of 93.8% in 2023 and is anticipated to witness the fastest CAGR from 2024 to 2030

This can be attributed to the technological advancements in fertility treatments & procedures and a rise in demand for assisted reproduction technology

In December 2023, Hamilton Thorne announced the acquisition of MICROPTIC, a developer of artificial intelligence (AI)-enabled CASA software, image analysis systems, and consumables for the Assisted Reproductive Technology laboratory markets worldwide

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