

# LYKOS® & ZILOS-tk®

*Fixed and Moveable Laser Systems*

**LASER-ASSISTED HATCHING AND EMBRYO BIOPSY**

## **OVERVIEW**

Hamilton Thorne provides easy-to-use laser systems for embryo biopsy and laser-assisted hatching in the ART facility. Our lasers are 40x objective, high-power Class 1, 1460 nm with a choice between a fixed or moveable laser system. Lasers with pulse durations as low as 1 microsecond.



## **LYKOS DTS MOVEABLE LASER**

**LYKOS with DTS provides computer-controlled accuracy and ease of use with advanced targeting features such as single shot, line/curve, multipoint, and more! Use the LYKOS with DTS for fast and easy cell separation in ART procedures.**

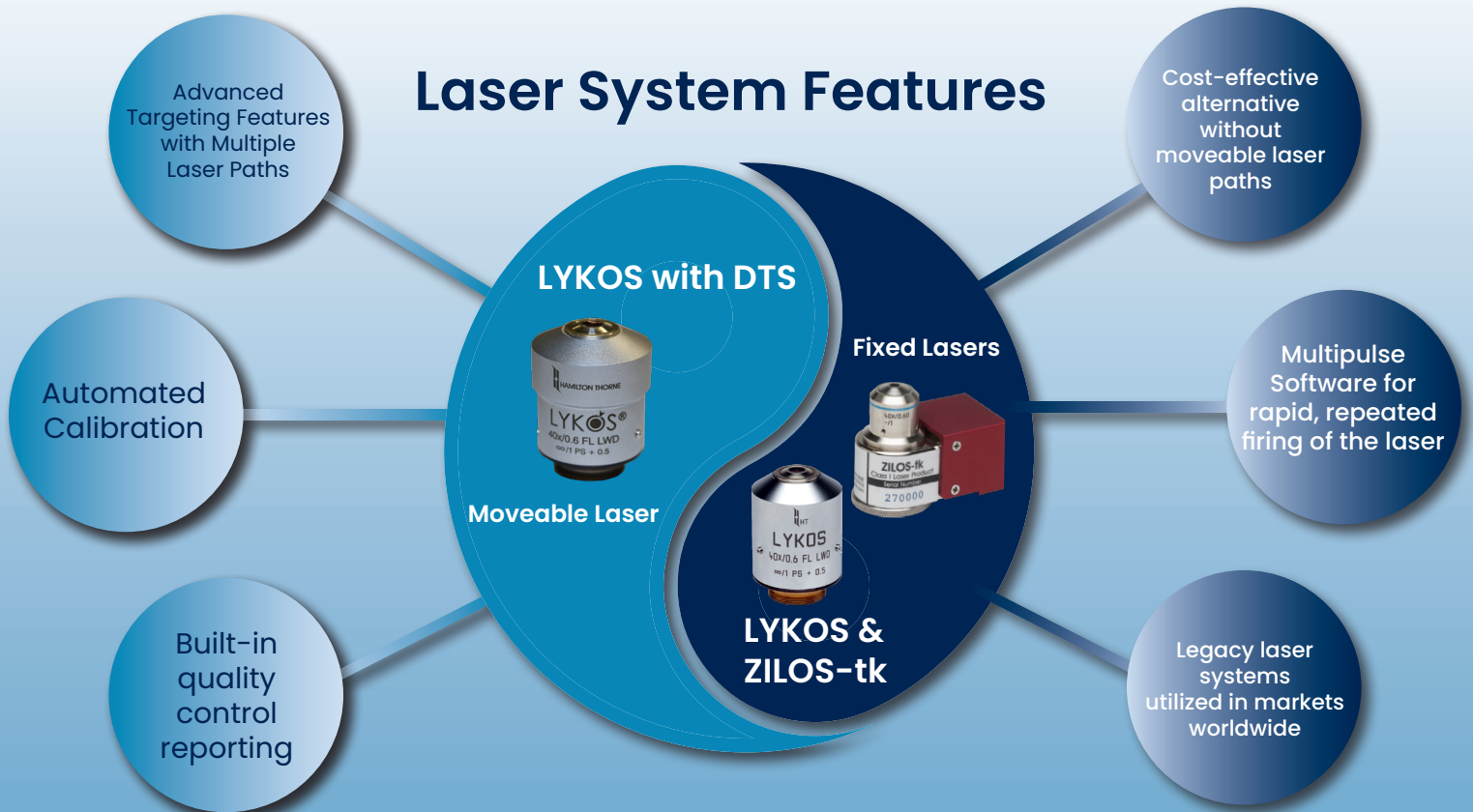


## **LYKOS / ZILOS-tk FIXED LASERS**

**The LYKOS is equipped with the RED-i target locator visible through the microscope eyepieces and multipulse mode for firing pulses in rapid succession. The legacy ZILOS-tk is a cost-effective alternative without RED-i or multipulse features.**



# Laser System Features



## Key Features

- Available as fixed or moveable laser system
- Fire laser by mouse or foot switch remote
- No laser realignment required
- Fast installation and simple set-up



## Technical Specifications

- 1460 nm, Infrared Solid-State Diode
- Maximum Power: @ Focus = 300 mW (Class I)
- Pulse length : 1 - 3000  $\mu$ s
- 40x objective

Contact our team to transform  
your lab today!

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