



LYKOS[®] DTS

Moveable Laser Systems

LASER-ASSISTED HATCHING AND EMBRYO BIOPSY

Hamilton Thorne LYKOS Dynamic Targeting System

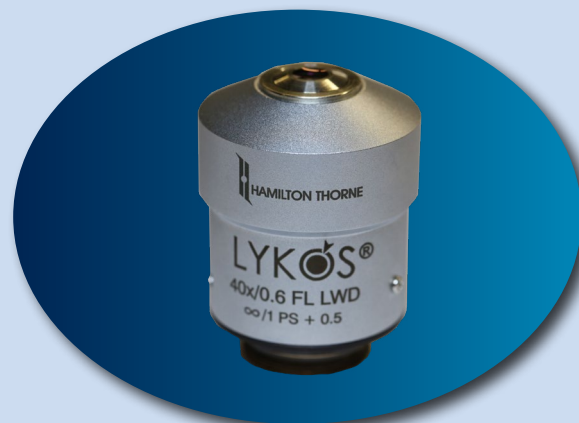
INTRODUCTION

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.

ADVANCED TARGETING FEATURES

The DTS feature is available in various markets worldwide. Once the laser path is drawn, it may be selected, resized, repositioned as needed. When DTS is enabled, you may choose one of several options to create the laser path:

- **Single Shot:** Click any single point on the screen and a single laser pulse will be applied to that exact point.
- **Line / Curve:** Draw a straight line of any length and then select and drag to create a curve.
- **Freehand:** Any freeform path may be drawn by clicking and dragging the mouse pointer.
- **Multipoint:** Click up to 25 non-connected locations to apply laser. Each point may have a different laser setting.
- **Rectangle:** Click and drag to draw a rectangle of any proportion.
- **Circle Arc:** Draw a circle arc (part or segment of the circumference of a circle).



**PRECISE TARGETING
FEATURES**

**AUTOMATED
CALIBRATION**

**BUILT-IN QUALITY
CONTROL REPORTING**



LYKOS DTS Features



Feature Highlights

Automated Calibration

The automated initialization process calibrates the system and can be run any time from the control panel. This initialization process maps the position of the RED-i target in relation to the entire field of view to optimize accuracy.

Built-In Quality Control Reporting

Quality control is a vital part of laboratory procedure. The DTS positioning can be easily verified prior to use and the results of the verification saved. With the built-in quality control reporting, you can view the results of the daily verification in both numerical and graphical form. In addition, a Trend Chart lets you see the results over a selected period of time.

RED-i Target Locator

The RED-i target locator is visible both on the screen and through the microscope eyepieces. In addition to being used to identify and calibrate the laser position under DTS mode, RED-i allows positioning of the cell under the laser beam without looking at the monitor. The target spot always remains in focus and has an adjustable brightness level.

Caution: Federal (US) law restricts this device to sale by or on the order of a physician or licensed healthcare practitioner. Laser-assisted Hatching and Laser-assisted Biopsy are not recommended for use in all IVF patients.



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