

Laboratory Equipment

# Laser system LS-400



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## Introduction

The Advanced IVF Laser System represents cutting-edge precision technology for assisted reproductive procedures. The movement and emission of the laser are controlled by software, which is suitable for assisted hatching, biopsy techniques, blastocyst collapsing, etc.



## Product Features

1. Safe
  - Class I laser with 400mW
  - Safety zone
2. Precise
  - Less than 1 $\mu$ m for movement accuracy of ablation laser
  - Dual-modality module for precise control of laser energy
3. Easy and efficient
  - Intuitive and easy-learning software
  - Automatic calibration is available and manual calibration is friendly for all users

## Technical Specifications

Model	LM-400
Ablation laser	1480nm, 400mW, Laser safety: Class I
Indicating laser	650nm, $\leq 150\mu$ W, Laser safety: Class I
Pulse length	0.005ms-2ms
Laser objective lens	40X, N.A.0.49, W.D.2.5mm
Laser control module	214mmx160mmx29mm, 1.3kg
Laser beam alignment	Via software
Image and analysis software	Included
Power	100-240VAC, 50-60Hz, 1-0.5A

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