



## Octax NaviLase Dynamic multi-purpose laser system for A.R.T.

The new OCTAX NaviLase™ evolves from the enduring success story of the OCTAX Laser Shot™ system. OCTAX NaviLase™ combines proven safety and innovative laser motion technology. Adapted to a modern IVF microscope, OCTAX NaviLase™ operates in your mode of choice, either statically or dynamically without any need for recalibration.

Providing a selection of different operational modes OCTAX NaviLase™ can be appropriately used for any of the major laser-based applications:

- |                      |                                      |
|----------------------|--------------------------------------|
| zona drilling        | zona thinning                        |
| polar body biopsy    | blastomer biopsy                     |
| trophectoderm biopsy | artificial collapsing of blastocysts |

With its capability of placing multiple shots arranged in straight or curved lines, OCTAX NaviLase™ takes primary applications in the IVF lab to the next level. Just mark the area to be cut with a line on the monitor and adjust the hole size - OCTAX NaviLase™ will do the rest for you. OCTAX NaviLase™ stands for more automated processing resulting in a shorter time out of the incubator, more constant results and less variability.

A newly designed graphical user interface further improves and complements the functionality of OCTAX EyeWare™, the multi-purpose imaging software platform which controls OCTAX NaviLase™. The software comes with a SQL server data base for powerful administration of images, video files and patient data. Providing interfaces to other OCTAX lab analysis tools like the OCTAX cytoScreen™ IMSI system and the OCTAX polarAIDE™ polarization microscopy system, OCTAX EyeWare™ allows to instantly switch between applications – without any need for multiple cameras or software products.

### Features

- Movable single-/multi-pulse modes for all relevant applications
- Calibration-free
- Stand-alone or upgrade to existing OCTAX Laser Shot™ systems
- Supported by the OCTAX EyeWare™ platform
- Based on the proven safety concept of OCTAX Laser Shot™
- Optical versatility: 25x and 40x laser lens





# I-Button Temperature Logger & Temperature & Humidity Logger

*New, easy method of temperature & humidity monitoring for laboratory quality control*

Small spaces (bench top incubator) – Shipping (media/transport incubators)  
Temperature logging for QC requirements

## I-Button Reader

- Place buttons where ever you need to continuously log temperature and/or humidity, e.g. incubators, refrigerators, heating stages
- Calibrated to 4 points: 0°C, 25°C, 37°C, 50°C
- Accuracy to  $\pm 0.126^{\circ}\text{C}$
- Calibration certificate supplied for compliance of accreditation requirements



## I-Button



- Program I-Buttons individually
  - Monitoring interval
  - Location of button
  - Temperature limits
- Calibration
  - Thermodata is an NVLAP accredited facility. ISO/IEC 17025:2005 requirements
  - Each I-Button comes with it's own calibration certificate



## Data Downloader



- Download data from I-Button Logger to PC
- Facilitates the collection of data when it is not practical to move the I-Button logger to the PC
- When touched to I-Button it automatically downloads and stores logged data for later transfer



## Software (Cloud)



- Simplifies I-Button configuration/downloader
- Management of temperature and humidity loggers
- Produce daily/weekly/monthly reports
- Data is saved in CSV format for easy incorporation into spreadsheets or other applications
- View/print graphs as well as tables and readings