Nexpring Health™

Discover our 40-year legacy of trust at NexpringHealth.com

# Capital Equipment Catalogue

## Confidence at Every Step, Comprehensive ART Solutions




Powered by Nexpring Health

Cook Reproductive Health
HAMILTON THORNE
IrvineScientific
PLANER
IVFtech
GYNEMED
GYNÉTICS
MICROPTIC
TEKEVENT
EMBRYOTECH LABORATORIES

# Welcome to Nexpring Health

**Redefining the future of ART. Together.**

## The Nexpring Promise

### Nexpring = Next + Spring

A fresh era in fertility care, committed to bringing new solutions that support your success and solve your everyday challenges.

### Our Purpose:

Putting you, the embryologist, clinician, and fertility clinic, at the center of everything we do.

### Who We Are:

Industry leaders united as one global force, delivering complete solutions, dedicated to advancing ART.

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Cook Reproductive Health · Hamilton Thorne · Irvine Scientific · PLANER · IVFtech · GYNEMED · GYNETICS · MICROPTIC · TEK EVENT · EMBRYOTECH

## Confidence at Every Step,
## Comprehensive ART Solutions.

### Consumables →

ET catheters, glass pipettes, IUI catheters, polycarbonate pipettes, and OPU needles.

### Media →

Culture media, oils, gamete and embryo handling solutions.

### Capital Equipment →

Incubators, lasers, sperm analysers, workstations, and lab infrastructure.

### Services

**Lab Build Solutions:** Complete lab design, equipment sourcing, and implementation.

**NexTech Global Support:** Service plans, equipment maintenance, and technical support.

**Nexperts Clinical Education:** Clinical consultation, education, and expert guidance and community.

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## Engineered for reliability in your lab

FDA 510(k)
**Cleared**
*where applicable

EU-MDR ✓
EU-IVDR ✓
**Compliant**
*where applicable

ISO
**Certified**
Manufacturing

# Biopsy Lasers

## LYKOS®/LYKOS® DTS




Provide high-definition imaging of the embryo and computer-controlled accuracy to perform IVF procedures with ease. Choose between a fixed or movable laser system to fit your lab's needs! Hamilton Thorne's LYKOS with DTS is intended for in vitro fertilisation (IVF) laboratory use in assisted reproduction (ART) procedures to ablate a small, tangential hole or thin the zona pellucida of select IVF oocytes or embryos to facilitate assisted reproduction hatching procedures and to biopsy trophectoderm cells for purposes of preimplantation genetic diagnosis (PGD) or screening (PGS). Providing a safe, efficient method for laser treatment in the following IVF applications.

- Assisted hatching.
- Zona pellucida thinning.
- Embryo biopsy.*

* Worldwide availability. EU: biopsy use only.

Dynamic Targeting System Laser: LYKOS with DTS provides computer-controlled accuracy and advanced targeting features during assisted embryo hatching or biopsy.

### Product Description:

- 6 Laser Paths: Single shot, Line / Curve, Freehand, Multipoint, Rectangle, Circular Arc. (Lykos DTS only.)
- 3 laser modes, Clinical, Validation and Multi-pulse.
- Automated Calibration: Calibrate the system using the automated initialisation process which can be activated at any time from the control panel. Lykos DTS only.
- Built-in Quality Control Reporting: Allows viewing of the results of the daily verification in both numerical and graphical form. (Lykos DTS only.)
- Isotherm Rings for Temperature Indication: This safety feature indicates the drill hole size and the maximum temperature reached at the ring diameter. The isotherm rings automatically adjust for every power and pulse time combination.
- The Red-i target provides a visual indication of the laser spot which is not visible since it is in infrared wavelength. The Red-i can be precisely adjusted to ensure it always aligns with the laser position. The Red-i is always in focus and has adjustable brightness level.

# IVF Workstations

## IVFtech Sterica

Sterica cabinets are designed to protect the samples with a constant flow of clean air and are manufactured to meet the specific requirements of IVF laboratories with a vertical laminar flow of clean air covering the whole surface area.

### Product Description:

IVFtech Sterica is completely customisable:

- Range of sizes.
- Configurable with heaters/microscopes, sample stations, and more.




## IVFtech Classica

Classica cabinets are designed to protect both the samples and the people working with the samples through recirculating air through the filter without leaving the cabinet. It is designed to meet the requirements of Biosafety Class II.

### Product Description:

IVFtech Classica is completely customisable:

- Range of sizes.
- Configurable with heaters/microscopes, sample stations, and more.




## IVFtech Javica

Javica cabinet is a two-sided workstation providing a space saving and pleasant working environment. A constant vertical laminar flow of clean air protects the samples and is designed to meet the specific requirements of IVF laboratories.

### Product Description:

IVFtech Javica is completely customisable:

- Range of sizes.
- Configurable with heaters/microscopes, sample stations, and more.




Contact your rep →

### IVFtech Econica

The IVFtech Econica cabinets are our basic vertical laminar flow workstation. The vertical laminar flow provides clean air over the whole of the working area. It comes either as a cold cabinet or heated and prepped for one microscope, available in 60 or 120 cm with a stainless steel work surface and a light source.



# Microscope Chambers

### IVFtech Unica

This self-contained chamber reproduces incubator conditions allowing the embryologists to perform oocyte and embryo manipulation while minimising disruption to the environmental conditions and preserving the embryo developmental potential.

**Product Description:**

- Fixed or electrical adjustable stand.
- Compact dimensions.
- Controlled atmosphere.



# Incubators

## BT37

The BT37 delivers consistent control of temperature, gas flow, and humidity, paired with ergonomic, precision-engineered functionality, to protect and care for your embryos and gametes.

### Product Description:

- Same trusted BT37, now fully supported by the team that builds it.
- Reliable, versatile, and precise.
- Small footprint - works well in a workstation or on a bench.
- Humid culture to minimize evaporation and osmolality change.
- Easy to use with intuitive touchscreen operation and easy-to-load bottle.



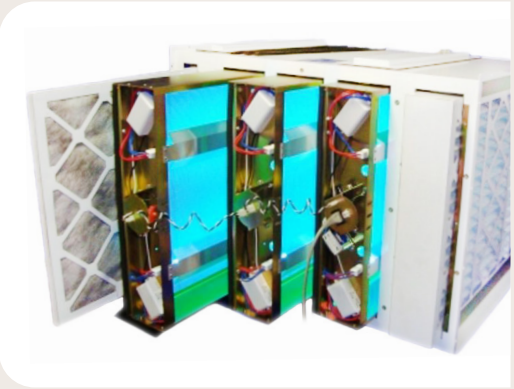

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# Air Purification - In-Duct

The need for filtered air has never been more important. No matter how well you maintain your laboratory, your work area can be filled with air pollutants, volatile organic compounds (VOCs), chemically active compounds (CACs), aldehydes, carcinogenic materials, carbon monoxide, viruses and bacteria, dust particles mold spores, cleaning chemicals, and more. All these airborne pathogens can affect your IVF outcomes and the health of workers in the laboratory.

### ZANDAIR PCOC3 In-Duct Air Purification

An encased unit to be fitted into the HVAC/ AHU unit of the air ducting to provide an airtight flow of the airstream through the unit and has the option for a removable MERV-13 and activated carbon filter (ACF). This model consists of three photocatalytic grids to provide additional dwelling time for maximum breakup of the molecular structure of the VOCs passing in the airstream.



### Product Description:

- In-duct air purification cleans air down to the last molecule.
- Destroys toxic chemicals and eliminates odor with 3 photocatalytic oxidation chambers.
- Ultraviolet light attacks molecular structures of viruses and bacteria.

# Air Purification - Portable

### ZANDAIR Portable Air Purification

The unit is encased in a high impact ABS plastic with no off-gassing and is lightweight and portable. Electronic sensors monitor air purification system. Warning lights alert staff to the presence of toxic chemicals and fumes well before they reach dangerous levels.



### Product Description:

- 4-step air purification cleans air down to the last molecule.
- High efficiency particulate air (HEPA) filter removes microparticles.
- Photocatalytic oxidation destroys toxic chemicals and eliminates odors.
- Ultraviolet light attacks the molecular structure of viruses and bacteria.

# Tables

## Anti-Vibration Tables

IVFtech Anti-Vibration Tables are designed primarily for ICSI procedures but are designed to meet the requirements for all models of inverted microscopes and can therefore be used for all applications where vibration dampening is crucial.

Our lightweight and compact vibration absorption system allows significant reduction of unwanted vibrations transferred to the working environment from environmental noise.



## Heated Tables

Heated tabletops from IVFtech for clean room or laboratory use. The electrically heated area is controlled by a high precision PID regulator, the heating area is split into smaller zones to maintain the temperature and limit variations which can be caused by placing a cold warming block on one part of the heated area. It will also ensure a faster recovery time. The tabletops are prepped for a variety of microscopes and available in stainless steel or HiMacs®.



## IVFtech Letter Tables

The IVFtech letter tables are designed for use in the operating theatre when performing oocyte retrieval. They have a clean smooth heated surface ideal for warming blocks and media flasks and the drawer can be heated to provide a warm environment for equipment such as Oocyte Retrieval needles, media, etc.



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# Computer-Assisted Sperm Analysis (CASA)

## SCA SCOPE

The SCA SCOPE is the first totally automated device for the analysis of concentration, motility, morphology, DNA fragmentation, vitality, and leukocytes of human semen samples, linking up software with hardware of the best quality, allowing users to work in optimal conditions.

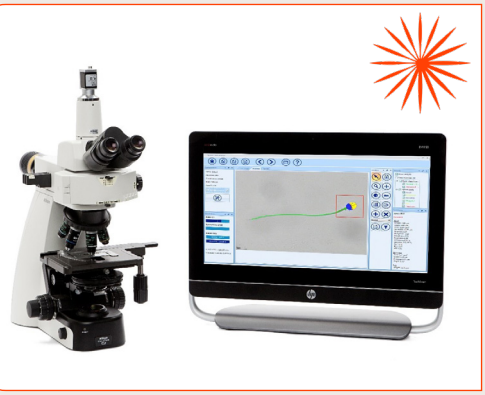
This all-in-one CASA will ease and improve your performance in the laboratory making your work both more efficient and comfortable.



## SCA Evolution

The Sperm Class Analyzer (SCA) CASA System is a modular automatic software for the analysis of concentration, motility, morphology, DNA fragmentation, vitality, and acrosome reaction of human and animal sperm samples, as well as leukocytes in human samples.

We have numerous SCA editions with optional modules and complementary systems to help you to find the optimum configuration for your laboratory. The system is constantly updated to include the ultimate state-of-the art technology and operating system available.



## IVOS® II

The IVOS II is a highly accurate, automated sperm analyzer that is an industry leader for CASA.Perform semen quality assessment for sperm count and concentration, motile categories (static, slow, motile, progressive, and slow cell), all detailed kinematic values for each cell, and all kinematic profiles for the entire population. Optionally, the system can also provide morphology/morphometry results.

For over 30 years, Hamilton Thorne has been helping IVF professionals obtain sperm analysis results for applications in clinical markets. Our IVOS® II CASA system provides precise, objective, and repeatable results that you can trust.





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# Accessories & Support Equipment

## Cook® Vacuum Pump

Used to provide a low flow, regulated vacuum up to -500 mmHg for general suction.

### Product Description:

- A pedal activates the vacuum response at the needle tip. The pump maintains a constant vacuum at its set level.
- The boost button on the front panel increases the vacuum pressure to clear blockages in the ovum aspiration needle.
- A volume-adjustable tone indicates when vacuum is applied.
- The LED can display the vacuum pressure in mm Hg and kPa.




## Hotplate

The IVFtech Hotplate is the perfect solution for the IVF lab that is in need of an extra heated workspace. The Hotplate provides a uniform self-contained tabletop for handling warming blocks, mini-incubators, tubes, etc., and due to its small size can be easily portable to place around your lab.

The IVFtech Hotplate features our easy-to-clean, no-stain HiMacs® finish and provides excellent temperature control from ambient to 50°C with an accuracy of ±0.5°C throughout the working surface.



## Tube Warmers

The IVFtech tube warmers fit either 12 tubes of 14 ml or 4 test tubes of 50 ml. The temperature is variable by 0.5 degrees increment. The sides of the tube warmer are transparent making it easier to visualise and are also removable for easy cleaning. The aluminum block covers 2/3 of the tube which gives even heating to the tubes.

Our Tube Warmers are also available with a battery option making them more accessible in any environment.



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## Cook® Test Tube Heater

Used to maintain the temperature of egg (oocyte) collection tubes at or near body temperature. Designed to accept up to 6 Falcon® 2001 test tubes.

### Product Description:

- The clear front panel allows continuous observation of the test tubes' contents.
- The heater uses 12 VDC power.
- The heater is powered by the Power Supply (K-APS-300) provided with the unit.
- The heater maintains an operating temperature of 36.9 °C.
- The amber light on the front of the heater indicates that the unit is powered. When the light flashes, the heater is at its operating temperature.




## Warming Blocks for Tubes and Syringes

Warming blocks for tubes are for small and large tubes: 6 cc and 14/17 cc. Warming blocks for syringes are for syringes: 10 cc and 20 cc.



## Warming Block for Dishes

We have a variety of warming blocks for dishes, suitable for most popular brands again ensuring the correct temperature of your dishware.





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## Warming Block for Media Flask

We have a warming block to help secure the temperature of the media while used on a heated tabletop.



## Magnetic Shelf

The magnetic shelf is for use on the back wall of the cabinet for dishes, disinfectant, etc. For the back wall of an IVF workstation.



Contact your rep →

# We're Here to Support You

**From service reliability to clinical expertise, our dedicated teams are ready to help.**

**Order and Samples:**
Talk to your territory manager

- Placing orders
- Requesting samples
- Pricing and quotes
- Delivery timelines

**NexTech Global Services: Techsupport@nexpringhealth.com**
Service plans, equipment maintenance, and technical support

- Service plans (Complete, Essentials, Basic)
- Preventative maintenance
- Installation and training
- Priority parts and service

**Complete lab design and implementation:**
Building or expanding your lab? We offer complete lab build services

- Lab design and planning
- Equipment sourcing
- Workflow optimization
- Turnkey solutions

**Nexperts Clinical Support:**
Education and expert guidance

- Protocol consultation
- Clinical guidance
- Hands-on workshops
- Expert-led events and community
- On-demand learning

## Find Your Local Contact

or email info@nexpringhealth.com

Get in touch

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