

IVFtech[®]

A Hamilton Thorne Group Company



**A brief introduction
to IVFtech**

IVFtech[®]

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ABOUT US

IVFtech is a family-run Danish company based north of Copenhagen, Denmark. We've been around since 1998, so we know our field pretty well. In 2021 we became part of the American Hamilton Thorne group which gives us a lot of new opportunities.

We always seek innovative new ways of creating things, and we never stop doing our utmost to solve our clients' challenges, problems, and individual needs. We are solution seekers with a strong level of experience.

We love what we do, and as manufacturers of bespoke workstations, incubators, and equipment for IVF laboratories, we play an indirect but important role in helping people around the world to become families.

This is the ultimate reward for us, and our motivation to keep on creating innovative equipment that will improve the everyday work life of our clients and enhance the chances of success in fertility treatment.

WHAT, HOW AND WHY

What we do

We design and create customized laboratory equipment.



How we do it

In close collaboration with our customers and IVF clinics, we develop and manufacture IVF equipment for individual needs.



Why we do it

We are here to make life easy for our customers. To support you in delivering your best, helping people realize their dreams of having a baby.



OUR VALUES



Our values reflect how we work and behave. We always seek to be ...

- Problem-solving specialists
- We offer a personal touch
- Down to Earth
- We like a Challenge

MEET OUR SALES TEAMS



Søren Johannsen
Sales and Support
Nordic Countries



Hans Elers Koch
Senior consultant
Nordic Countries



Finn Krustrup Jensen
Senior consultant
Nordic Countries



Vikash Verma
Vice president Sales
Asia, Middle East, and Russia



Adam Hedley
International Business Manager
North- & South America, Europe, Africa,
Australia & New Zealand





HAMILTON THORNE GROUP

Since 2021 IVFtech has been a member of the American Hamilton Thorne Group together with a number of other companies within the fertility industry. Hamilton Thorne Ltd. (HTL) is a public company.

Today, while the group's primary focus is serving laboratories in the ART field, the products and services are provided to a diverse customer base, from in vitro fertilization (IVF) clinics and pharmaceutical companies to animal research facilities and academic establishments worldwide.



OUR PRODUCTS





OUR PRODUCTS

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Workstations

IVFtech Sterica
IVFtech Classica
IVFtech Javica
IVFtech Unica
IVFtech Econica

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Small Equipment

Hot plate
Tube warmer
Gas mixer

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FreyGen

2 chambers
4 chambers
6 chambers

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Tables

Anti-vibration tables
Letter Tables
IVFtech heated tables

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Accessories

Warming blocks
Humidification
Shelves

WORKSTATIONS



IVFtech workstations are the essence of IVFtech and are where it all started. Since the beginning of 1998, we have constantly been researching, improving, developing, and creating the best workstations on the market. Unique in many ways, always based on our deep knowledge to accommodate our client's individual wishes and needs.

The maintenance of IVFtech Sterica, Javica, and Classica is carried out from the front, so there is no need to move the cabinets, which in turn reduces downtime during servicing. This is a very unique and special feature that differentiates IVFtech workstations compared to others.

IVFtech HiMacs Surface

Effortless Cleaning and Hygienic Performance

HiMACS is a game-changer in surface technology, offering a completely closed surface that ensures effortless cleaning. Say goodbye to stubborn stains and grime, as HiMACS simplifies maintenance, making cleanliness a breeze.

Choose from a variety of captivating colours to personalize your space and create a stylish atmosphere that reflects your unique taste and preferences.

Rest assured of HiMACS' quality and durability. Our tabletops have undergone rigorous MEA testing and achieved a flawless 100% pass rate, meeting the highest standards of performance.

With its popular white colour option, HiMACS tabletops account for approximately 65% of our cabinet production, offering a surface that will look as good as it does for years and years after you had it first installed.

Experience the advantages of HiMACS: easy to clean, hygienic, scratch-resistant, dent-proof and resistant to liquid absorption and odours. Elevate your environment with HiMACS and enjoy a surface that combines practicality and visual appeal.

Difference between HiMACS and Stainless steel

A stainless-steel tabletop will end up with a lot of small scratches which makes the surface more susceptible to bacteria. While our white HiMacs surface does not scratch and also shows up any dirt or dust. Also the white surface optimizes the reading of a dishes underside.



IVFtech STERICA

Designed to meet the exacting requirements of laboratories



IVFtech Sterica Vertical Laminar Flow Cabinets: designed for maximum sample protection and tailored to meet IVF Laboratory requirements. Ideal for critical procedures such as "vitrification," "ICSI" manipulation, "sperm collection," and embryo manipulation.

Our special laminator/diffuser technology ensures uniform airflow at lower fan speeds, extending the fan and HEPA filter lifespan. It saves energy and reduces turbulence around the microscope.

The flexible IVFtech Sterica workstation is the backbone of your IVF laboratory, offering fixed-height stands or an electrically adjustable option.

Experience the excellence of IVFtech Sterica Vertical Laminar Flow Cabinets.

IVFtech STERICA



- Can be customized to a very high specification
- User-friendly interface
- Easy to service
- Easy to clean
- Sloping front for ergonomic work
- Fits all major microscope brands
- Adjustable fan speed
- Adjustable light intensity
- Built-in timer
- Low noise level
- High degree of configurability
- Option for electrical elevation stand
- Hi-Macs or Stainless steel
- In sizes : 90, 120, 150, 180, 210, 240cms

IVFtech CLASSICA

Designed to protect people and samples

Introducing IVFtech Classica Cabinets: the ultimate solution for safeguarding samples and ensuring the safety of laboratory personnel. Our custom-made cabinets recirculate air internally through a specialized filter, providing unparalleled protection without compromising efficiency.

Designed to accommodate a range of IVF laboratory procedures, including sperm collection, embryo scoring, and transfer preparation, our cabinets can be tailored to your exact specifications. Choose from four sizes (90cm, 120cm, 150cm and 180cm) and take advantage of various customization options to suit your needs.

With a user-friendly control board featuring a timer, you have full control over the fan and heated tabletop functions. Additionally, our cabinets are compatible with all microscope brands, offering flexibility for your observation preferences.

Experience the fusion of functionality, safety, and customization with IVFtech Classica Cabinets. Elevate your laboratory standards and protect your samples with confidence.



IVFtech CLASSICA



- User friendly interface
- Easy to service
- Easy to clean
- Sloping front for ergonomic work
- Motorized front window
- Split window option for ocular
- Fits all major microscope brands
- Adjustable fan speed
- Adjustable light intensity
- Built in timer
- Low noise level
- High degree of configurability
- Option for electrical elevation stand
- Stainless steel
- Sizes : 90, 120, 150, 180cms

IVFtech JAVICA

Designed to optimize your IVF laboratory workflow



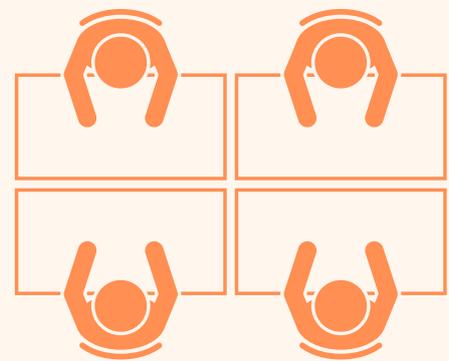
IVFtech Javica Workstation offers a double-sided design, allowing simultaneous work from both sides. This space-saving and sociable solution is ideal for small or larger laboratories, functioning as a peninsular or island unit.

The workstation features up to four heated working areas for stereo microscopes, providing flexibility for various laboratory setups. With a HiMacs surface, it combines durability and is aesthetically pleasing.

Customization options include AV platforms, sample stations, additional heated areas, and witness preparation.

The Javica Workstation serves as a flexible backbone for any IVF laboratory. It comes in five sizes and offers an option of electrically adjustable or height adjustable stands to enhance ergonomic comfort.

IVFtech JAVICA



- User-friendly interface
- Easy to service
- Easy to clean
- Sloping front for ergonomic work
- Fits all major microscope brands
- Space efficient solution for up to 4 people
- More work areas in less space
- Sociable environment
- Adjustable fan speed
- Adjustable light intensity
- Built in timer
- Low noise level
- High degree of configurability
- Option for electrical elevation stand
- Hi-Macs or Stainless steel
- Sizes : 120,150, 180, 210, 240cms

IVFtech UNICA

Designed for a stable atmosphere and optimal conditions



IVFtech Unica is a highly efficient semi-closed system designed to meet the specialized requirements of gamete and embryo manipulation in laboratory embryology. Its significance in successful assisted reproduction procedures cannot be understated.

To ensure careful handling of oocytes and embryos during the daily IVF routine, some argue that the implementation of an IVF controlled-atmosphere workstation is crucial.

The Unica workstation functions as a self-contained chamber, replicating incubator conditions. This allows embryologists to perform delicate manipulations while minimizing disruptions to environmental conditions, such as temperature changes, gas composition, culture medium osmolarity, and pH. By preserving the embryo's developmental potential, the Unica workstation could play a vital role in optimizing outcomes.

IVFtech UNICA



- Easy access to the chamber
- Easy to service
- Easy to clean
- Sloping front for ergonomic work
- Fits all major microscope brands
- Heated Surface and Chamber
- Built-in timer
- Low noise level
- Efficient carbon filtration
- Option for electrical elevation stand
- Made out of Hi-Macs

IVFtech ECONICA

Designed to meet your basic laboratory needs



IVFtech Econica Workstation is our economic vertical laminar flow workstation, designed to meet your basic laboratory needs.

The Econica Workstation is available in two sizes, 60cm, and 120cm, with a stainless steel work surface and a light source. You have the option to choose between a cold cabinet or a heated workstation, specifically prepared to accommodate one microscope.

For the 60cm model, you can opt for a fixed or electronically adjustable stand. Additionally, we offer the convenience of wheels, allowing easy mobility for use in various locations.

Discover the simplicity, functionality and cost effective of IVFtech Econica Workstations, providing a clean and efficient environment for your laboratory work. Without compromising the Air Flow quality and distribution as well as consistent heated surfaces associated with IVFtech.

IVFtech ECONICA



- User-friendly interface
- Easy to clean
- Sloping front for ergonomic work
- Fits all major microscope brands
- Fixed fan speed
- Fixed light intensity
- Cold or heated surface, one-size
- Option for electrical elevation stand
- Stainless steel work surface
- Transportable

Appliances for workstations

Customizing your workstation to your individual needs



There are (almost) a million ways you can have your IVFtech workstation customized with us. Just ask and we will sort it out together.

It could be the configuration of the tabletop or the addition of extra appliances on the back walls. It could be about adding shelves, putting your own logo somewhere, or even having the entire workstation painted in your favorite colour.

APPLIANCES FOR WORKSTATIONS

Built-in incubator in backwall



Pull out shelf



Cable holes in backwall



Large heated area



Electrical outlet



Heated glass



Flowmeter



Electrical adjustable stand

Access ports
HDMI



Hollow pole



SMALL EQUIPMENT



Our range of small equipment is created to enhance and strengthen the security in the lab by controlling temperature and gas regulations.

Small Equipment



The IVFtech gas mixer recirculates gas in our FreyGen Sample Station and FreyGen II Incubators. It is a stable and turbulence-free gas controlling unit, that protects specimens and samples against particle contaminants and non-optimal growth conditions.

During operation, the closed lids (from the connected incubator chambers) prevent the intrusion of outside particles, and in the event of an open chamber, the built-in HEPA+VOC filter will prevent contaminants from entering the closed system, thus protecting the specimens currently being worked on.



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 moved around your lab.

The IVFtech Hotplate features our easy-to-clean, no-stain HI-MACS® finish and provides excellent temperature control from ambient to 50°C with an accuracy of $\pm 0.5^\circ\text{C}$ throughout the working surface.



The IVFtech tube warmers fit either 12 test tubes of 14 ml or 4 test tubes of 50 ml. The temperature can be changed by increments of 0.5 degrees. The sides of the tube warmer are transparent making it easier to visualise the contents of your tubes and are also removable for easy cleaning. The heated aluminium block covers 2/3 of the tube which provides even heating to your Oocytes.

Our Tube warmers are also available with a battery option making them even easier to use anywhere, in any environment.

FREYGEN ALF



The story behind FREYGEN ALF is rooted in the fusion of Nordic mythology. "Frey" symbolizes peace and fertility in Nordic mythology.

With the FreyGen ALF incubators, we offer not only top-notch equipment but also a symbol of peace and fertility.

FREYGEN ALF

The FreyGen Incubators: Are the result of extensive research and valuable insights from clinicians. Our aim was to create the ultimate "easy to handle - best results" incubators that cater to clinicians and their specific needs. As it is not registered as a medical device class IIa incubator it allows us to offer it at competitive prices and we sell these all over the world.

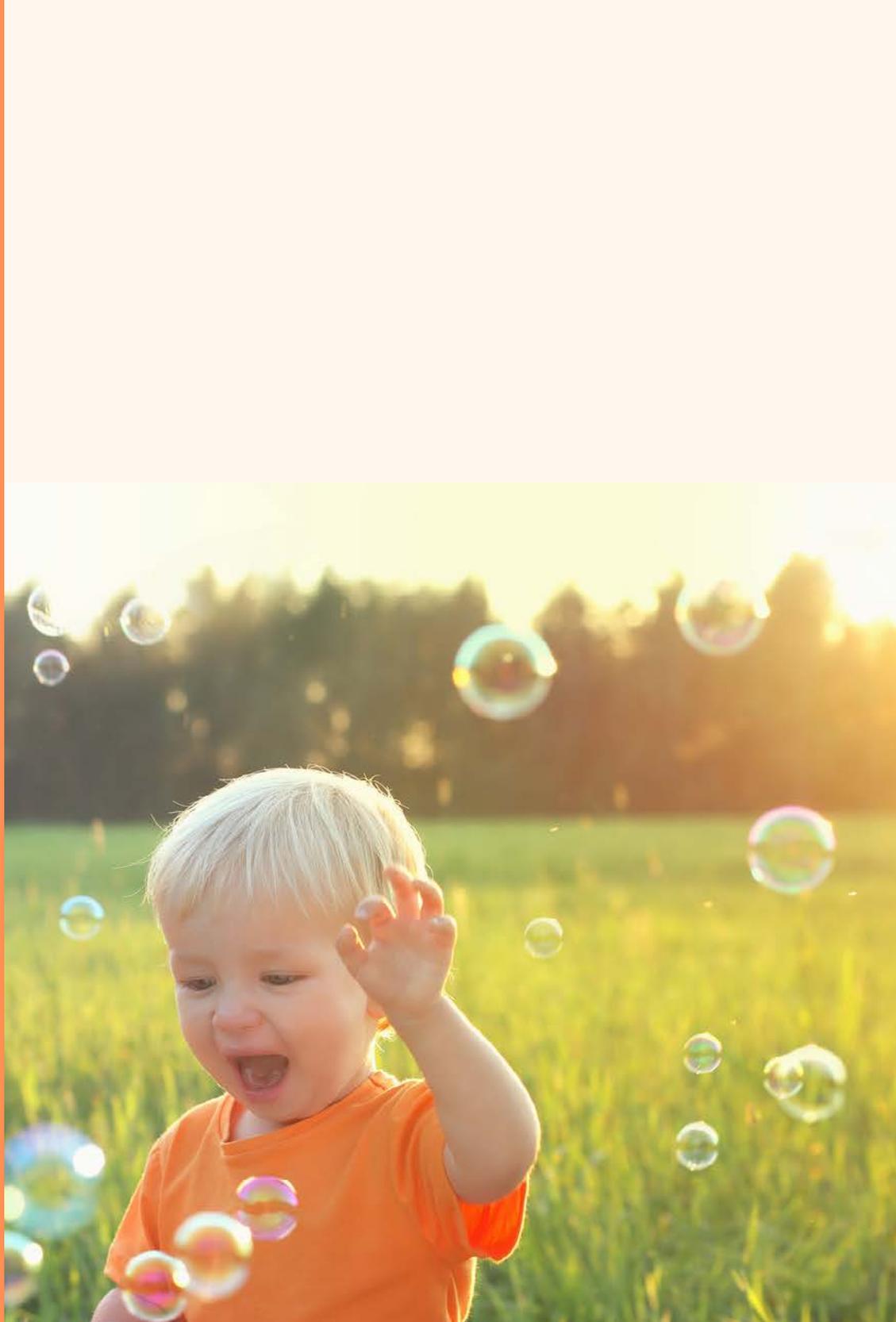
Because we invested time in understanding what clinicians liked and disliked about existing incubators in the market. By carefully considering their feedback, we developed the FreyGen Incubators, meeting the demands and expectations of clinicians.



- Removable lids and trays/inserts for ease of cleaning
- Chambers are independently gas supplied to avoid contamination between chambers
- The digital lid displays both the lid and chamber temperature and can display patients' details
- Medical grade sealing of each chamber protects the samples and prevents gas leakage
- Low steady state power consumption
- Preparation for external pH monitoring (optional)
- Filter and gas validation ports behind magnetic front cover.



TABLES



All The IVFtech tables are constructed for a specific purpose and come with their own unique special features.

Typically used in labs and operating theatres. The range consists of letter tables, anti-vibration tables and heated tables.

Letter Tables

Elevating Efficiency in the Operating Theatre

IVFtech Letter Tables revolutionize oocyte retrieval procedures with their practical solutions and captivating designs.

Choose between the sleek "Z" and symmetrical "I" shapes, combining functionality and visual appeal.

Enjoy a clean heated surface, ideal for warming blocks and media flasks. Store essential equipment like Oocyte Recovery needles and media in the heated drawer, ensuring optimal conditions during procedures.

The IVFtech I-Table offers easy mobility with wheels, a HiMacs® surface, and an electrically adjustable stand. The IVFtech Z-Tables, available in two sizes, come with wheels and a choice of HiMacs or Stainless steel surfaces, along with an optional heated drawer.

Experience the efficiency and convenience of IVFtech Letter Tables in the operating theatre. Elevate your practice today.



- Ergonomic design
- Heated table top
- 230v/180w outlets for equipment
- Hi-macs or stainless steel
- The Large Z-Tables have a heated drawer option



Anti-Vibration Tables

Created for vibration dampening

The IVFtech anti-vibration tables are designed primarily for ICSI procedures. However, every model meets the requirements of inverted microscopes and can therefore be used for all applications where vibration dampening is crucial.

Our lightweight and compact vibration absorption system allows a significant reduction of unwanted vibrations transferred to the working environment from environmental noise: Peoples movement, doors closing, outside traffic, etc.

IVFtech anti-vibration significantly absorbs these vibrations and disturbances for your Inverted Microscopes.

Our Anti-vibration table comes as a passive (Mechanical dampening system) or active (Electronically controlled) system for extreme environmental disturbances.



- Active Electro-Mechanical Vibration Isolation System
- Highly Damped Step Response
- Active Vibration Control Bandwidth 0.5Hz – 100Hz
- Excellent position stability with low susceptibility to external noise
- Microprocessor-controlled algorithms
- Variable damping technology
- Monitoring capability on a PC for real-time measurements of the system and surroundings
- Ethernet network connection used for PC connectivity
- Self-test at power up

Heated Tables

Unmatched Precision for Clean Rooms and Laboratories

Experience unmatched temperature control and efficiency with our Heated Tables. These innovative tables, designed for clean room and laboratory use, feature a high-precision PID regulator to maintain accurate heating. Divided into smaller zones, they ensure consistent temperature and faster recovery times.

Choose from stainless steel or HiMacs® options, both can be prepped for various microscopes. Elevate your workspace with our Heated Table Tops for optimal precision and versatility.



- High-precision temperature control
- The heating table plate is controlled by high precision PID regulator
- Sizes are available in 90, 120, 150, and 180cms
- Height : 80-85cms
- Easy to use
- Easy to clean
- Can be prepped for Witness Systems
- AV Platforms can be added



ACCESSORIES



We have a variety of warming blocks for dishes, tubes, syringes and media flasks suitable for most popular brands helping maintain the correct temperature for your dishware.

Accessories for humidification

Enhance Control and Efficiency with Humidification Accessories

The gas bobble flask humidifies the 5% CO₂ gas mixture, conditioning IVF culture media and supporting oocyte aspiration or embryo transfer. Our glass hoods create a CO₂-rich environment for equilibrating culture dishes. Use the bobble flask warming block to heat the airflow from the back wall flow meter. Elevate your workflow with our Humidification Accessories for enhanced control and efficiency.



Warming blocks for tubes and syringes

Warming blocks for test tubes range from 10 x 17cc, 2 x 17cc tilted & 10 x 6cc. Warming blocks for syringes range from 2 x 20cc, 5 x 10cc & 5 x 20cc.

Warming block for dishes

We have a variety of warming rings for dishes, suitable for most popular brands again ensuring the correct temperature of your dishware. (35mm, 60mm, 80mm, 60mm (ICSI,) 60mm (Oosafe,) Square 4 well.

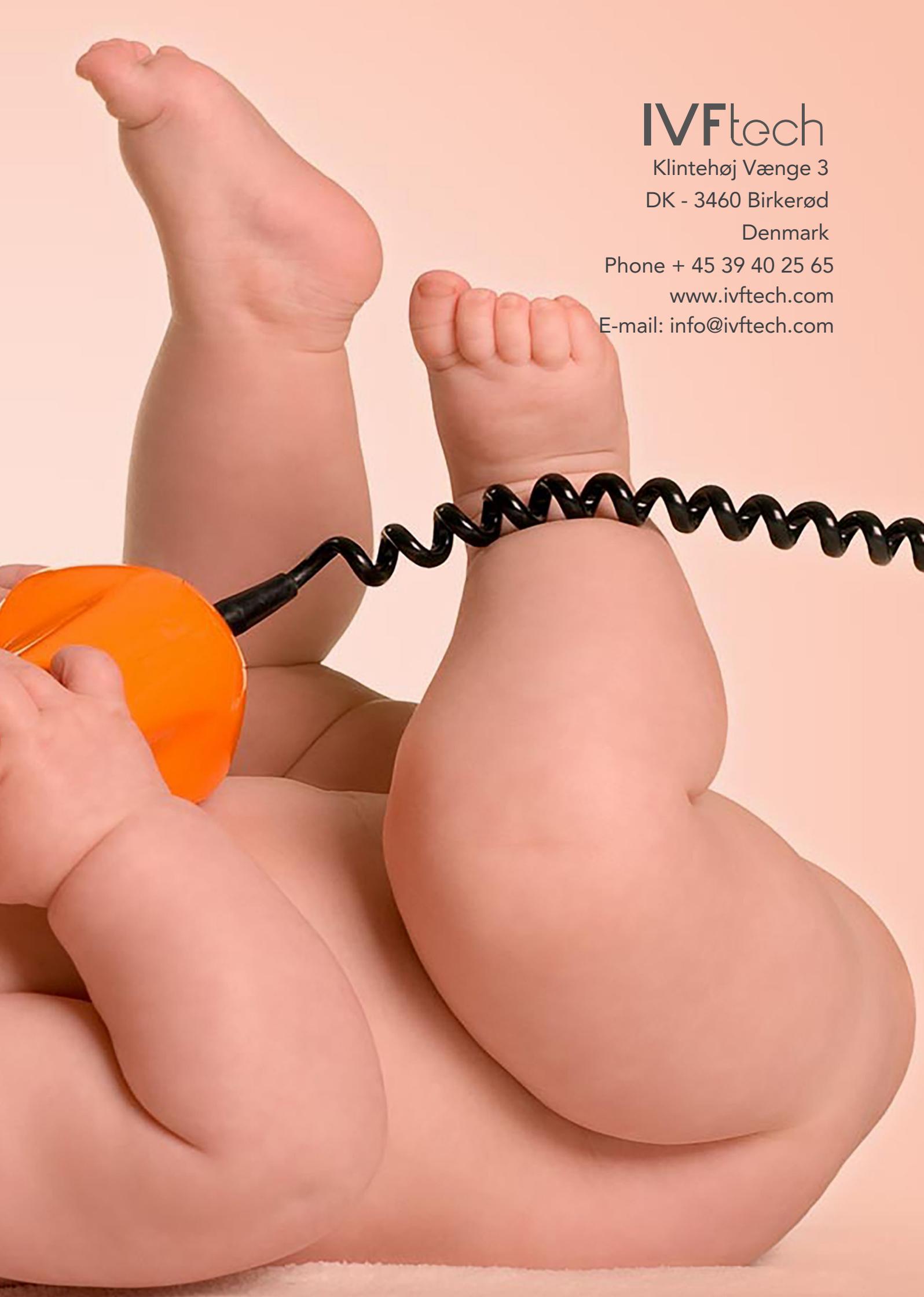




Always near you

Find your local distributor of our products wherever you might be in the world.





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