



IVFtech Unica

IVFtech
for the next generation

IVFtech Unica

Semi closed system

Firstly the information in the current brochure is absolutely fine, but here are some suggestions for invigorating it.

Opening statement

The IVFtech UNICA is a semi closed system for careful gamete and embryo manipulation, which has always been a key element of laboratory embryology and has contributed substantially to the success of many assisted reproduction procedures.

Suboptimal in vitro conditions may both distress the competence to develop in vitro and lead to irreversible long-term alterations in the characteristics of the foetal and post natal growth.

Therefore, caution should be taken in the handling and manipulation of the oocytes and early embryos in order to achieve a stable biological optimal atmosphere, which creates optimal conditions for embryo growth.

The employment of IVF controlled-atmosphere workstations has been proposed in order to meet the special requirements of oocyte and embryo handling during IVF.

This self-contained chamber reproduces the incubator conditions allowing the embryologists to perform oocytes and embryo manipulation while minimizing even slight alterations of the environmental conditions (temperature changes, gas composition, culture medium osmolarity and pH) and preserving the embryo developmental potential.

Two Options Available

Unica Semi-closed Workstation electrically heated (380x660mm) and prepped for 1 Microscope including light source and 1 electrical outlet.

Unica Semi-closed Workstation Prepped for Witness and and prepped for 1 Microscope including light source and 1 electrical outlet.

Additional Options

Fixed Stand (785mm) or Electrically Adjustable Stand

External Monitor

Side Doors (180x150mm.)

Bracket for Gas Flask

Battery

Side Holes (30mm Diameter)

USB Port and or HDMI Port (available on left hand side.)

Hand access port standard with hinged doors (oval.)

Hand access port Front Iris Opening

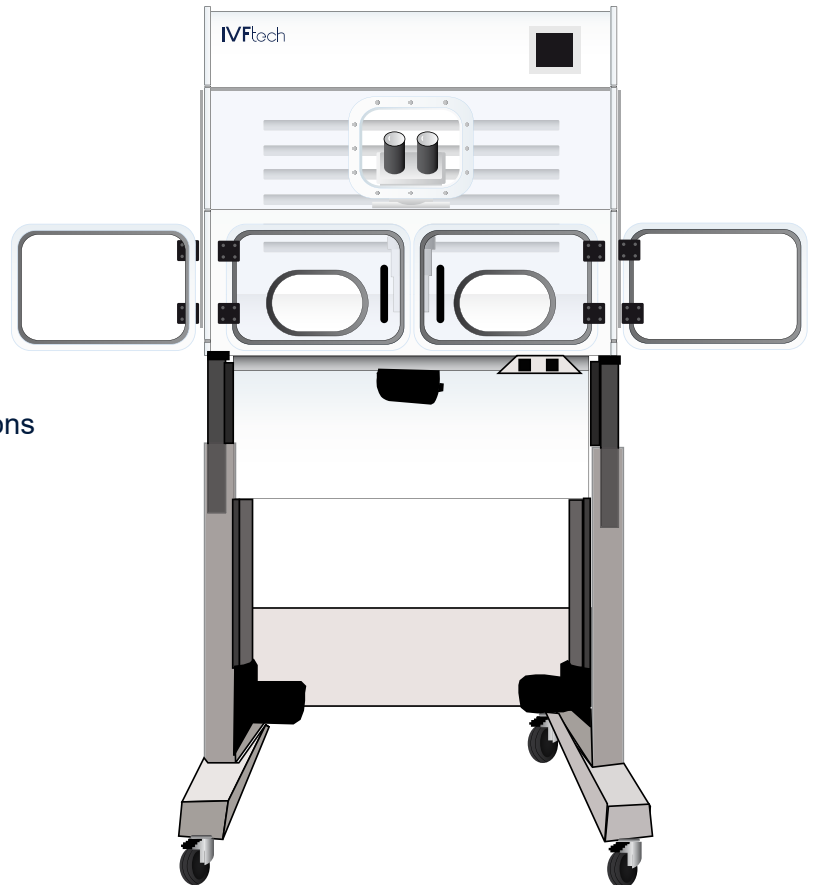
Filtration Class H-14 HEPA filters in accordance with EN 1822. Filter efficiency 99.999% against 0.3 µm particle size. 99.995% in MPPS. HEPA filters are protected by a carbon pre-filter for longer life

HiMacs:

Table top Hi-MACS

The surface of the table comes in Hi-MACS, which is natural minerals blended with pure acrylic resin to form a solid durable material. It is available in many different colours.

It is easy to clean, hygienic and does not absorb liquids or odours. Clean with soapy water or use an abrasive cleanser and a green Scotch-Brite pad. Easy to see the writing on the dish when working on the Hi-Macs® surface.



External Dimensions are WxDxH
891x674x1410-1810 with internal dimensions
(workspace) of WxDxH 790x450x489mm

Features

Stylish Design and ergonomic sloping front

Front Doors/Optional Side Doors providing excellent access

Compatible with all Major Microscopes

Bright Illumination and Quiet <40dB

Sloping Front for Ergonomic Comfort

Hand Ports – 2 Types available; Standard (Oval with Hinged Doors) or Iris

Adjustable Height Control (Optional)

Electrical Outlet as standard

Wheels for easy transportation

HiMacs Surface (High Impact Mineral Acrylic Composite Surface) : The Hi-Macs® surface is stain resistant and easy to clean. Hi-Macs® is scratch resistant and unlike stainless steel, the Hi-Macs® surface can be refurbished and repolished and provides good visualization of the underside of the dishes.

Features also include a timer to switch the fan and heated surfaces automatically on/off.

Accommodates all major brands of microscope.

The specially designed laminator or diffuser enables uniform airflow 0.32m/s at lower fan speeds, providing not only less turbulence but saves on energy and increases the lifespan of the HEPA filter.

Maintenance & Service : As it comes on lockable wheels enables easy access to the rear of the Unica. which reduces down time during servicing.



IVFtech

Klintehøj Vænge 3
DK - 3460 Birkerød

Phone + 45 39 40 25 65
Fax + 45 39 40 25 64
www.ivftech.dk
E-mail: info@ivftech.dk