

A large orange circle is partially obscured by a horizontal orange bar that spans across the top of the page. The text 'IVFtech Sterile' is written in white on the left side of this bar. To the right of the bar, there are three vertical orange bars of varying heights, creating a decorative graphic element.

IVFtech Sterile

IVFtech
for the next generation

IVFtech Sterile

IVFtech Sterile cabinets are designed to protect the samples with a constant flow of clean air, and is made to meet the specific requirements of IVF Laboratories. It is build the provide a vertical laminar flow. The vertical laminar flow provides clean air over the whole of the working area and is manufactured to meet the requirements for IVF laboratory work, such as "vitrification", "ICSI" manipulation, "sperm collection" and IVF routine work.

With control board with timer to switch on/off the fan and on/off the heated tabletop. All brands of microscope can be installed, choice between oculars through the front window or a secondary window inside the cabinet, which allows the front window to be closed.

The low speed of the fan gives longer life of HEPA filters and blowers and saves energy and less turbulence around the microscope.

Laminator/diffuser uniforms airflow allows more balanced air through lower speed.

The IVFtech Sterile cabinets can be customized to all the above functions and provides an flexible back bone of any IVF laboratory as the cabinets comes in four sizes, with or without height adjustable legs

Options

Sizes are available in: 90, 120, 150 and 180cm

Heights are available in: 700-750mm, 800-850mm, 900-950mm and 705-1100mm

Options for Sterile cabinet back wall:

- Flow meter
- Electrical plugs
- Monitor outside/inside
- Preparations for incubator
- Humidification system
- Aspiration tunnel
- IVFtech heated glass Ø45mm
- UV light

Options table top:

- Stainless steel or Himacs® tabel top
- Standard heat 450 x 650mm
- Full heated 450 x 830mm
- Extra heat 450 x 200mm
- Extra heat 450 x 400
- Witness preparation flush
- Anti-vib
- IVFtech heated glass Ø45mm
- Table top integrated incubator

Advantages

- Easy to use
- Easy to service
- Easy to clean
- Hi-Macs® table tops
- Low noise level <51dB(A)
- Air speed +/- 10%
- Big variety of options
- Slope front for ergonomic work

Products to be used with IVFtech sterile cabinet

- Warming blocks
- Magnetic Shelf
- Pull-out shelf
- Accessories for humidification
- Mini incubator
- Loudspeakers

Low noise level - <51 dB(A)

IVFtech Sterile cabinet has been designed to give you the lowest noise level on the market

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.

Maintenance & Service

The maintenance of IVFtech cabinets is done from the front, no need for moving the cabinets, which in turn reduces down time during service.

HiMacs or Stainless steel:

The Hi-Macs® table tops provides an excellent alternative to Stainless Steel. The Hi-Macs® surface is stain resistant and easy clean. Hi-Macs® is scratch resistant and doesn't scratch as easy as stainless steel, furthermore the Hi-Macs® surface can be refurbished and repolished. Easy to see the writing on the dish when working on the Hi-Macs® surface.



Model	Unit	90	120	150	180
External dimensions (DxWxH)	mm	690x1015x1245	690x1320x1245	690x1625x1245	690x1930x1245
Working chamber, dimensions (DxWxH)	mm	560x950x635	560x1235x635	560x1560x635	560x1865x635
Front opening, fixed	mm	350	350	350	350
Support Stand, height standard	mm	850-950	850-950	850-950	850-950
Air velocity, Vertical flow	m/s	0,34	0,34	0,34	0,34
Air velocity, deviation	±%	8	8	8	8
Flow rate	m ³ /h	775	1050	1250	1450
Noise level; ISO 6081	dB(A)	<51	<51	<51	<51
Light variable	up/down	Yes	Yes	Yes	Yes
HEPA filters		H-14	H-14	H-14	H-14
Voltage/frequency	V/Hz	230/50	230/50	230/50	230/50
Power cabinet/heated tabletop	W	150/450	150/450	200/450	300/450
Fuses	A	8	8	10	10
Net weight	kg	140	150	180	190
Shipping volume	m ³	2,0	2,0	2,5	2,5



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