

P R O D U C T



C A T A L O G

LAMINAR AIRFLOW



Code: **0101001**

TEST TUBE WARMER



Code: **0101008**

ANTI VIBRATION TABLE



Code: **0101014**

IVF WORKSTATION



Code: **0101002**

ASPIRATION TROLLEY



Code: **0101015**

ASPIRATION PUMP



Code: **0101022**

AHU TOWER



Code: **0101010**

MOBILE AIR



Code: **0101011**

TOWER RECIRCULATION



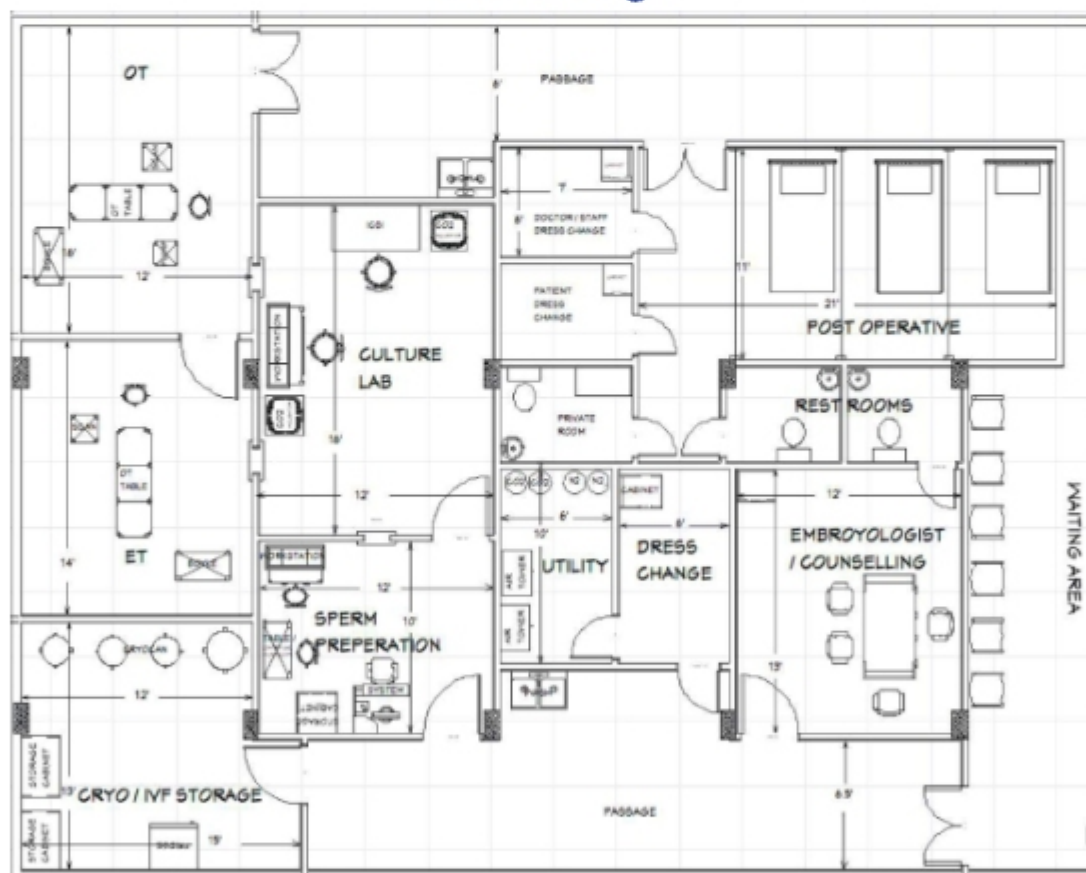
Code: **0101009**

SERVICES OFFERED BY US

LAB DESIGN & INFRASTRUCTURE: Complete laboratory design, anti-bacterial modular paneling, and advanced air purification (AHU) systems

SPECIALIZED LAB EQUIPMENT: Full equipment supply for Andrology (Level 1 ART), Embryology (Level 2 ART), Cryopreservation, and general Reproductive Diagnostics

IVF Consultation and Lab Design



QUALITY CONTROL & MAINTENANCE: Supply of QC equipment (meters, analyzers, counters) and Annual Maintenance Contracts (AMC) for both quality control and general lab equipment

CONSUMABLES & MEDIA: IVF media (human and animal), disposable labware, VOC-free disinfectants, and specialized testing kits for sperm quality and troubleshooting

OUR CERTIFICATION

We are now ISO 13485 and ISO 9001 Certified Company

[illegible][illegible]

We Are Now CDSCO Certified Medical Device Manufacturer

[illegible][illegible]

We build win-win partnerships with our customers and other interested parties through trust and dedication, and our goal is to be known and trusted by our customers in order to deliver top-notch quality products and services. Our staff work in an honest, creative, pleasant, and gratifying environment

To establish a global reputation for producing high-quality medical devices for in-vitro fertilization or assisted reproduction technologies



MISSION



VISION



ABOUT US

STECH IVF Solutions Pvt. Ltd. is a global provider of IVF laboratory equipment and turnkey projects. Backed by 26+ years of ART expertise, our 30-member team equips hospitals and clinics worldwide with high-quality products, comprehensive training, and reliable technical support.



LIFEINVITRO
ACADEMY

STECH IVF Solutions Pvt. Ltd. in Association with LifeInvitro Academy

An Initiative by:

- Center for Health Entrepreneurship (C/HE)- IIT Hyderabad
- Zy-Quest Global
- STECH IVF Solutions Private Limited



WHY CHOOSE US?

- Comprehensive, hands-on skill development
- Aligned with the latest advancements in ART & IVF
- Industry collaboration with leading experts
- Nurturing "Embryologist 2.0"

Hands-on Training Advanced Techniques Expert Guidance



Transform Your Career in ART

Join us in revolutionizing embryology and andrology training through world-class education, cutting-edge technology, and hands-on learning.



contactus@cfhe.iith.ac.in



<https://cfhe.org.in/lifeinvitro-academy/>



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MODULAR LAB

FROM CONCEPT TO COMPLETION - CUSTOM MODULAR LABS, DESIGNED BY US FROM SCRATCH



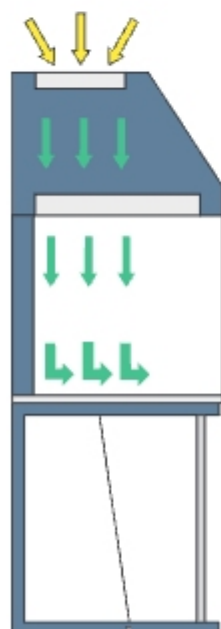
STECH IVF LAMINAR AIRFLOW

Also Known as Andrology Laminar Flow/ IUI Laminar Flow

STECH IVF LAF 2X2



Code: **0101004**



FEATURES

- Creates sterile class 100 area for specimen handling
- Available in 2 Feet, 3 Feet & 4 Feet sizes
- Made of GI with powder coat finish
- Working Table SS 304
- High efficiency blower for continuous noise free operations
- Noise level less than 65 dB
- Illumination light and UV-C for sterilization
- HEPA Filtration : 0.3 micro Classification H-14 with resistance of 130Pa & efficiency of MPPS 99.995%
- Additional power point inside the working area
- High efficiency blower for continuous vibration free operations



USES

Laminar flow device are used to provide aseptic area for sperm washing process



TECHNICAL SPECIFICATIONS

Overall Dimensions (WxDxH)	663 x 700 x 1920 mm
Workspace/tabletop	657 x 600 mm
Standard Working Height	775 mm
Distance from tabletop to HEPA-filter	600 mm
Power Consumption	190 watt
Mains Voltage	230V
Mains Frequency	50Hz
Make/Brand	STECH IVF SOLUTIONS PVT. LTD.
Warranty	1 Year

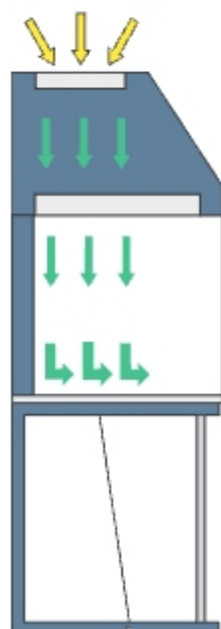
STECH IVF LAMINAR AIRFLOW

Also Known as Andrology Laminar Flow/ IUI Laminar Flow

STECH IVF LAF 3X2



Code: **0101001**



FEATURES

- Creates sterile class 100 area for specimen handling
- Available in 2 Feet, 3 Feet & 4 Feet sizes
- Made of GI with powder coat finish
- Working Table SS 304
- High efficiency blower for continuous noise free operations
- Noise level less than 65 dB
- Illumination light and UV-C for sterilization
- HEPA Filtration : 0.3 micro Classification H-14 with resistance of 130Pa & efficiency of MPPS 99.995%
- Additional power point inside the working area
- High efficiency blower for continuous vibration free operations



USES

Laminar flow device are used to provide aseptic area for sperm washing process



TECHNICAL SPECIFICATIONS

Overall Dimensions (WxDxH)	968 x 700 x 1920 mm
Workspace/tabletop	964 x 600 mm
Standard Working Height	775 mm
Distance from tabletop to HEPA-filter	600 mm
Power Consumption	210 watt
Mains Voltage	230V
Mains Frequency	50Hz
Make/Brand	STECH IVF SOLUTIONS PVT. LTD.
Warranty	1 Year

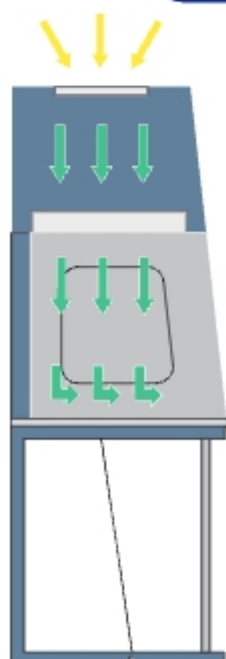
STECH IVF LAMINAR AIRFLOW

Also Known as Andrology Laminar Flow/ IUI Laminar Flow

STECH IVF LAF 4X2



Code: **0101005**



FEATURES

- Creates sterile class 100 area for specimen handling
- Available in 2 Feet, 3 Feet & 4 Feet sizes
- Made of GI with powder coat finish
- Working Table SS 304
- High efficiency blower for continuous noise free operations
- Noise level less than 65 dB
- Illumination light and UV-C for sterilization
- HEPA Filtration : 0.3 micro Classification H-14 with resistance of 130Pa & efficiency of MPPS 99.995%
- Additional power point inside the working area
- High efficiency blower for continuous vibration free operations



USES

Laminar flow device are used to provide aseptic area for sperm washing process



TECHNICAL SPECIFICATIONS

Overall Dimensions (WxDxH)	1273 x 700 x 1920 mm
Workspace/tabletop	1267 x 600 mm
Standard Working Height	775 mm
Distance from tabletop to HEPA-filter	600 mm
Power Consumption	375 watt
Mains Voltage	230V
Mains Frequency	50Hz
Make/Brand	STECH IVF SOLUTIONS PVT. LTD.
Warranty	1 Year

STECH IVF TEST TUBE WARMER
HEATING BLOCK
OR
DRY BATH INCUBATOR



Code: 0101008



Angled test tube block (Optional)



1.5 ml & 2 ml test tube block (Optional Accessories)



FEATURES

- Made of GI with powder coat finish
- Imported advanced **controller**
- Temperature accuracy + 0.2°C
- Temperature range ambient to 49.9°C
- Each block can hold 6 no's of 15ml test tubes
- Optional customized blocks available as per customer requirement
- Optional block for 50 ml test tubes



USES

Used in Ovum Pickup & Andrology to maintain desired temperature of specimen within Test Tubes



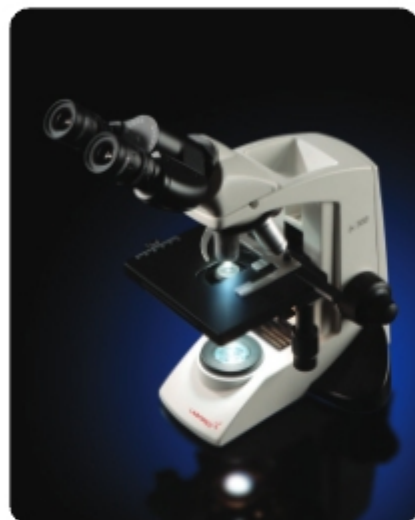
TECHNICAL SPECIFICATIONS

Overall Dimensions (WxDxH)	133 x 207 x 153 mm
Power Consumption	65 Watts
Mains Voltage	230 V / 0.4 AMP
Mains Frequency	50 Hz
Aluminium block quantity	3 Nos
Aluminium block dimensions in mm	W - 75, D - 75, H - 50
Make/Brand	STECH IVF SOLUTIONS PVT LTD
Warranty	1 year

UPRIGHT MICROSCOPE

Also Known as Microscope for IUI /Microscope for Andrology

Lx 300



Code: **1001002**



FEATURES

- Make : Labomed
- 4x, 10x, 20x, 40x, 100x (Oil) Objectives
- 10x Eyepiece
- Binocular / Trinocular



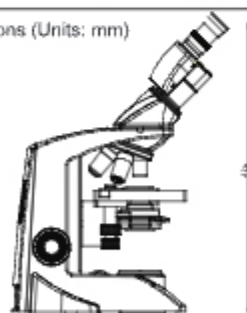
USES

Use for semen analysis during/after sperm washing

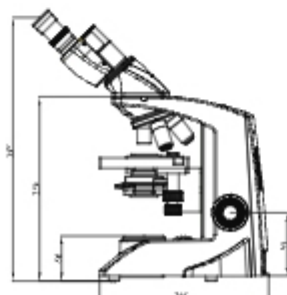
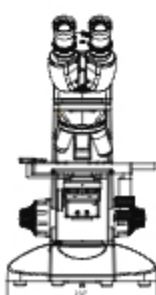


Technical Specifications

Dimensions (Units: mm)



With Eyepieces Extended



With Eyepieces Compact

Stand	Single mold sturdy stand with anti-rust materials. Ergonomic extended base for hand rest and greater stability.
Viewing Body	45° inclined Siedentopf binocular tube, 360° rotation with adjustable viewing height up to 40mm, 30° fixed Siedentopf trinocular tube
IPD	48 - 75mm
Eyepiece	Wide field 10x/18mm with foldable eye guards, lockable, antifungal
Nosepiece	Reverse-angle quadruple nosepiece (ball bearing type) with click stops and rubber grip
Objectives	EP2 Plan Achromat DIN Infinity objectives 4x, 10x, 40x (spring loaded), 100x (spring loaded, oil), antifungal
Mechanical Stage	Double plate stage 150 x 135mm, X-Y travel range 75mm x 40mm with low-height controls. Hard coated surface for scratch resistance. Double specimen holder.
Condenser	Sub-stage Abbe condenser NA 1.25 with aspheric lens. Iris diaphragm with blue filter. Rack and pinion movements on metal guides.
Focusing	Co-axial coarse and fine focus on ball drive system for smooth operation
Illumination	Intensity controlled LED (up to 50,000 hours)
Electricals	Universal input 100V - 240V AC, 50/60 Hz; built-in voltage stabilizer
Optional Accessories	Dark field kit, phase contrast kit, video adapter, digital camera and mirror attachment

UPRIGHT MICROSCOPE

Also Known as Microscope for IUI /Microscope for Andrology

VISION 2000



FEATURES

- Make : Labomed
- 4x, 10x, 20x, 40x, 100x (Oil) Objectives
- 10x Eyepiece
- Binocular / Trinocular



USES

Use for semen analysis during/after sperm washing

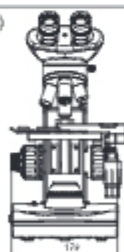
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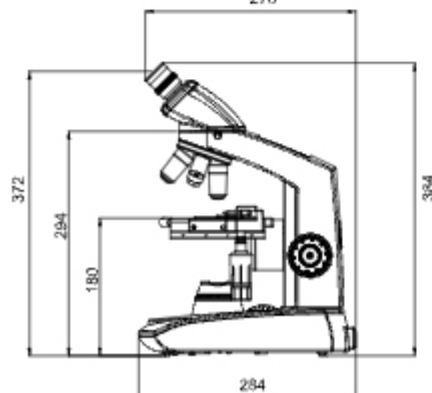
TECHNICAL SPECIFICATION

Stand	Sturdy stand with antirust, antibacterial materials. Heat isolating handrests
Viewing Bodies	45° inclined, 360° rotatable dovetail, Inter pupillary distance 54-74mm
Eyepiece	Wide field focusable paired eyepieces* 10x/18mm with foldable eye guard, lockable, antifungal
Nosepiece	Quadruple Nosepiece (Ball bearing type) with rubber grip, click stop for exact position
Objectives	LP series DIN Semi Plan Achromatic objectives* 4x, 10x, 40x (spring loaded), 100x (spring loaded, oil), anti fungal
Mechanical stage	Rectangular stage size 135 x 124mm, X/Y travel range 76mm x 50mm, low drive movement controls, single specimen holder
Condenser	Sub stage Abbe condenser NA 1.25 with aspheric lens*, iris diaphragm with snap-in blue filter. Rack and pinion movements on metal guides
Focusing	Co-axial coarse and fine focusing on ball drive system for smooth operation, fine drive movement 0.2mm/division, tension adjustment for torque control
Illumination	LED* or Halogen 6V/20W illumination with variable illumination control. Up to 100,000 hours of LED life and 2,000 hours of Halogen lamp life
Electricals	Universal input 110V / 220V AC, 50/60Hz. Built in voltage stabilizer
Optional accessories	Phase contrast kit with 10x and 40x LP series Phase objective, Polarizing kit, Dark field kit, Green Filter and daylight mirror attachment.

Dimensions (Units: mm)



276



372

294

180

384

284

CENTRIFUGE

Also known as Centrifuge for sperm washing



Code: 1201004

Compact Laboratory Centrifuges

R - 4C Compact model for routine work in medical and industrial laboratories has digital speed indicator and 0-60 minute digital countdown timer.

Salient Features:

- Stepless speed regulator
- Safety Lid interlock to prevent cover opening during centrifugation
- Dynamic brake for quick deceleration
- Wide choice of Swing out / Angle rotors and reduction adaptors

Technical Data		
Models		R-4C
Max. Speed	rpm	4400
Max. RCF	'g	2350
Max. Capacity	ml	200
W x D x H	mm	330 x 370 x 295

Supply: 220-240 Volts, 50 Hz Single Phase.

Laboratory Centrifuges model R - 8C are suitable for routine sample analysis in Medical, Hospital, Pathology and Institutional laboratories. With a wide choice of rotor heads and adaptors, these units are truly versatile.

Salient features:

- Digital Speed Indicator
- Stepless speed regulator
- 0-99 minutes digital countdown timer
- Imbalance detector with cut off
- Safety Lid interlock to prevent cover opening during centrifugation
- Press Switch for quick acceleration to full speed (RM-12C)

Technical Data		
Models		R-8C
Max. Speed	rpm	5250
Max. RCF	'g	3600
Max. Capacity	ml	400
W x D x H	mm	365 x 415 x 350

Supply: 220-240 Volts 50 Hz Single Phase.



R - 8C

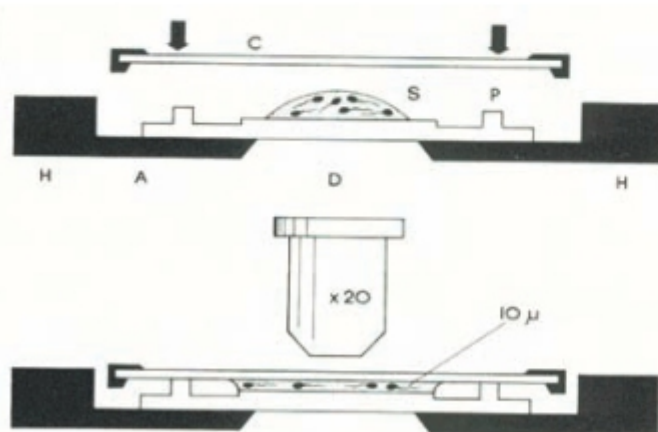
Code: 1201004

SPERM COUNTING CHAMBER

MAKLER CHAMBER



Code: **2901001**



FEATURES

- Sperm count performed from undiluted specimen
- No addition factors are necessary for calculation
- The patented depth of 10 micron eliminates blurring and allows sperms to move freely
- The grid is in the cover glass
- Reusable
- Observation of color fringes at the four contact points
- Repeated use with complete accuracy without calibration
- Manufactured by state-of-the-art precision engineering



USES

Sperm Counting Chamber can be used to perform a sperm count from an undiluted semen specimen during IVF & andrology related procedures.



TECHNICAL SPECIFICATIONS

Overall Dimensions (WxDxH)	70 x 70 x 10 mm
Weight	300 gm
Make / Brand	SEFI-MEDICAL INSTRUMENTS

ANDROLOGY WORKSTATION

IUI

WORKSTATION



Code: **0101003**



FEATURES

- Andrology workstation 3 feet in size & designed with optimized environment for semen analysis, processing & morphology
- Stainless steel tabletop with microscope mounting, glass light opening, fixed front window, and in-built electrical outlet for seamless workflow
- Built-in tube warmer, support stand, and optional additions like gassing, humidification system, UV light, and integrated keyboard shelf
- Low Noise : 65dBA for uniformity & 24 × 365 continuous operation
- HEPA Filtration : 0.3 micron classification H-14 with resistance of 130PA & efficiency of MPPS 99.995%
- Uniform heating and optimized conditions aligned with medical device norms, ensuring reliable and consistent lab performance



USES

- The Andrology Workstation is designed specifically for comprehensive andrology procedures.
- This workstation provides a controlled environment, ensuring optimal conditions for sperm preparation and analysis.



TECHNICAL SPECIFICATIONS

Overall Dimensions (WxDxH)	955 x 500 x 600 mm
Workspace/tabletop	1267 x 600 mm
Standard Working Height	775 mm
Distance from tabletop to HEPA-filter	600 mm
Power Consumption	1000 watt / 2 Amp
Mains Voltage	230V
Mains Frequency	50Hz
Make/Brand	STECH IVF SOLUTIONS PVT. LTD.
Warranty	1 Year

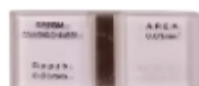
ACCESSORIES



LX 300 MICROSCOPE



CENTRIFUGE



SPERM METER

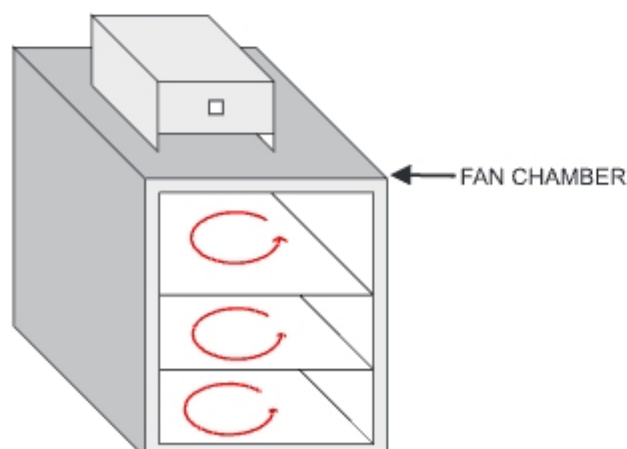


DRY INCUBATOR

MSI 6



Code: **0101318**



FEATURES

- Double walled construction
- Inner chamber made of Stainless Steel
- Exterior made of G.I. sheets powder coated
- The gap between the two walls filled with glass wool insulation.
- Insulated door with lock
- Inner acrylic door to see through the chamber
- Adjustable ventilation is provided on side of the Incubator
- Heating is by specially designed air heaters
- Microprocessor based Auto tune PID digital Temperature
- Simplex A class transition joint PT 100 sensor
- Supplied with SS Rod Shelves
- Forced Air Circulating System with fan for temperature uniformity



USES

To maintain temperature of test tubes / dishes of any labware at 37 degrees



TECHNICAL SPECIFICATIONS

Overall Dimensions (WxDxH)	590 x 670 x 920 mm
Volume	90 Ltr
No. Of Shelves	3
Control Accuracy	+/-0.5°C or better
Power Consumption	150 watt
Mains Voltage	230V
Mains Frequency	50Hz
Make/Brand	STECH IVF SOLUTIONS PVT. LTD.
Warranty	1 Year

SUCTION PUMP

Also Known as Ovum Aspiration Pump/Oocyte Suction Pump

DIGITAL MICRO SUCTION PUMP

CDSCO
Approved
Manufacturing



Code: **0101022**



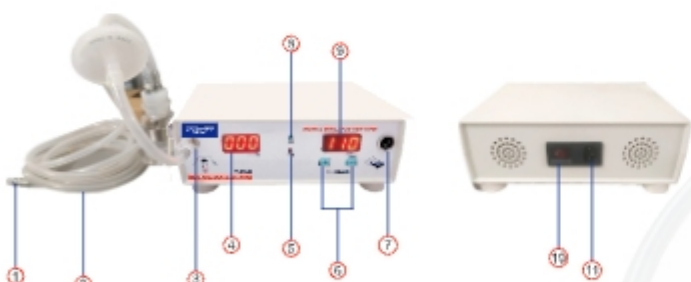
FEATURES

- Aspirates follicular fluid during Ovum Pickup Procedure
- CDSCO approved manufacturing
- Digital low volume oocyte aspiration pump
- Battery backup up to 30 minutes
- Uniform flow pattern
- Maximum vacuum attained 200 mm of Hg
- Over flow bottle, adequate for the cyst aspiration
- Autoclavable tubings, bottles & cork
- Optional model with "Boost" & "Touch screen" panel



USES

Use to aspirate follicular fluid during Ovum Pickup Procedure by the doctor



1. Leur Lock
2. Reusable silicon tube set
3. Water trap connection port
4. Vacuum – to display actual vacuum
5. Battery charging status
6. Vacuum control + to increase, – to decrease
7. Paddle connection
8. Power connection status
9. Set vacuum
10. On/OFF switch
11. Power cord socket



TECHNICAL SPECIFICATIONS

Overall Dimensions (WxDxH)	190 x 260 x 100 mm
Noise Level	Noise Less
Power Consumption	100 Watt
Mains Voltage	230 V
Mains Frequency	50Hz
Make/Brand	STECH IVF SOLUTIONS PVT. LTD.
Warranty	1 Year

STECH IVF ASPIRATION TROLLEY

ASPIRATION TROLLEY



Code: 0101015



FEATURES

- Designed for efficient handling during oocyte retrieval with a smooth, sterile-ready working surface
- Heated tabletop, in-built heating block, and heated drawer with precise digital temperature control for consistent performance
- Integrated control panel with digital temperature display and lockable settings for accuracy and safety
- Dedicated storage shelf and organized workspace for media, instruments, and follicular fluid handling
- Easy movement with durable castors and secure wheel-lock/brake system for stable positioning during procedures.



USES

To be used to maintain temperature of test tubes and other surgical instrument during Ovum Pickup Unit



TECHNICAL SPECIFICATIONS

Overall Dimensions (WxDxH)	780 x 590 x 806 mm
Workspace/tabletop	580 x 280 mm
Standard Working Height	806 mm
Power Consumption	135 watt
Mains Voltage	230 V
Mains Frequency	50Hz
Make/Brand	STECH IVF SOLUTIONS PVT. LTD.
Warranty	1 Year



STECH IVF WORKSTATION

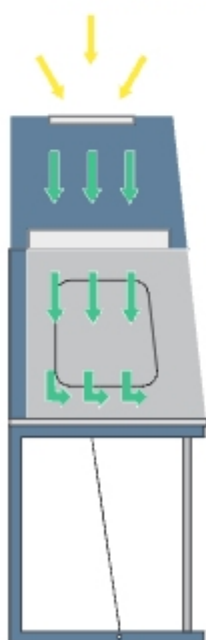
Also Known as Embryology Workstation

STECH IVF WORKSTATION 4 FT



Heating Area

Code: **0101002**



FEATURES

- Optimized environment for handling oocytes, spermatozoa and embryos, with availability in 4 ft and 6 ft dual workstation models, compliant with ISO and CDSCO standards.
- Stainless steel tabletop integrated with an aluminium heating system, featuring a heated glass working surface with microscope light opening, compatible with most stereo microscopes including flush mounting, along with an integrated gas supply and humidification system and a fixed eye draft protection window.
- Advanced HEPA filtration (0.3 micron, H14 – 99.995% efficiency) ensures clean laminar airflow, supported by three independent heating zones for stage, table and block, delivering uniform conditions with low noise operation around 65 dBA for continuous use.
- Equipped with a control system featuring self-tuning over-shoot protection, two internal electrical outlets and a sturdy support stand for reliable operation.
- Optional configurations include a built-in monitor, micro-incubator, heated pass-through tunnel, UV light and additional light source, along with an adjustable height support stand with shelf and integrated keyboard tray.



USES

IVF Workstation provide safety and optimized environment for oocytes, spermatocytes and embryos. The filtration system of IVF workstation provide clean air in work area.



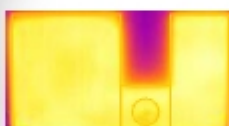
TECHNICAL SPECIFICATIONS

Overall Dimensions (WxDxH)	1273 x 700 x 1920 mm
Workspace/tabletop	1267 x 600 mm
Standard Working Height	775 mm
Distance from tabletop to HEPA-filter	600 mm
Power Consumption	1000 watt / 2 Amp
Mains Voltage	230 V
Mains Frequency	50Hz
Make/Brand	STECH IVF SOLUTIONS PVT. LTD.
Warranty	1 Year

STECH IVF WORKSTATION

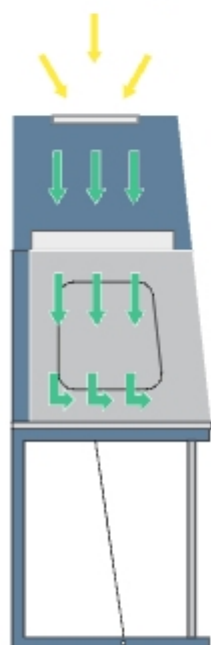
Also Known as Embryology Workstation

STECH IVF WORKSTATION 6 FT



Heating Area

Code: **0101006**



FEATURES

- Optimized environment for handling oocytes, spermatozoa and embryos, with availability in 4 ft and 6 ft dual workstation models, compliant with ISO and CDSCO standards.
- Stainless steel tabletop integrated with an aluminium heating system, featuring a heated glass working surface with microscope light opening, compatible with most stereo microscopes including flush mounting, along with an integrated gas supply and humidification system and a fixed eye draft protection window.
- Advanced HEPA filtration (0.3 micron, H14 – 99.995% efficiency) ensures clean laminar airflow, supported by three independent heating zones for stage, table and block, delivering uniform conditions with low noise operation around 56 dBA for continuous use.
- Equipped with a control system featuring self-tuning over-shoot protection, two internal electrical outlets and a sturdy support stand for reliable operation.
- Optional configurations include a built-in monitor, micro-incubator, heated pass-through tunnel, UV light and additional light source, along with an adjustable height support stand with shelf and integrated keyboard tray.



USES

IVF Workstation provide safety and optimized environment for oocytes, spermatocytes and embryos. The filtration system of IVF workstation provide clean air in work area.



TECHNICAL SPECIFICATIONS

Overall Dimensions (WxDxH)	1870 x 720 x 1910 mm
Workspace/tabletop	1267 x 600 mm
Standard Working Height	775 mm
Distance from tabletop to HEPA-filter	600 mm
Power Consumption	1000 watt / 2 Amp
Mains Voltage	230 V
Mains Frequency	50Hz
Make/Brand	STECH IVF SOLUTIONS PVT. LTD.
Warranty	1 Year

WORKSTATION INCUBATOR

WORKING INCUBATOR



Code: 0101091



FEATURES

- Temperature accuracy $+0.2^{\circ}\text{C}$
- Analog flow meter for adjusting flow rate of pre mixed gas
- Optimal Digital flow meter
- Flushing and purge function for fast recovery in the chamber
- Chamber with space for 2 culture dishes
- Alarm for gas flow interruption
- Temperature can be easily control
- Dish plate is removable & autoclavable
- Can be used as warming chamber too



USES

To maintain incubator like conditions on workstation bench for Sperms/Oocytes/Embryos



TECHNICAL SPECIFICATIONS

Overall Dimensions (WxDxH)	140 x 200 x 40 mm
Warming Rate	$0.5^{\circ}\text{C}/\text{Minute}$
Warming System	Electrical Controlled Heating System
Power Consumption	100 watt
Mains Voltage	230V
Mains Frequency	50Hz
Make/Brand	STECH IVF SOLUTIONS PVT. LTD.
Warranty	1 Year

MINIcell

Compact CO₂ Incubator**WAKEN B TECH CO., LTD.**

MINIcell is an unprecedented small size CO₂ incubator. Not only it is suitable for short term and small-scale incubation, but it also can be installed in a clean bench or small space due to its small footprint. MINIcell will open up the possibility of your research in various fields.

Details:

■ Space-saving

The installation size is 300(W) × 340(D) mm, which is a compact size unlike any other. It will not obstruct anything if it's in a clean bench.

■ Suitable for personal use

New usage like below can be expanded.

*short-term cell culture

*maintaining the temperature of cells during subculture

■ High performance IR CO₂ sensor

For CO₂ control, a high-performance IR (infrared) sensor is equipped, which is not affected by changes in temperature and humidity.

■ Wide temperature set range

Due to a peltier cooling function, the chamber temperature can be set within the wide range.(15-40 deg. C)

■ Easy to move

The weight is 6.8 kg, and anyone can carry it easily.

If you use it with a supplied 12V power cable, it can be used in a car.

**Code: 54011685**

Specification:

Model		WB-203M
Interior Volume (L)		16L
Temperature	Setting range (deg. C)	15 - 45 (Increment 0.1)
	Accuracy (deg. C)	±0.25 at 37.0
	Control	Micom
	Heating / Cooling	Peltier
CO ₂	Setting range (%)	0 - 20 (Increment 0.1)
	Accuracy (%)	±0.1 at 5.0
	Sensor	Dual beam IR sensor
Gas pressure		0.3 - 1bar (0.03 - 0.1Mpa)
Access port		1 : Left side (φ11.6mm)
Chamber material		ABS resin
Shelves		2 (Max. 3) , Stainless
Exterior dimensions (mm)		292(W) × 333(D) × 433(H)
Interior dimensions (mm)		224(W) × 200(D) × 340(H)
Weight (kg)		6.8
Power		DC12V (AC100V 50/60Hz 63W)

MINIcell-35

Compact CO₂ Incubator

WAKEN B TECH CO., LTD.

MINIcell35 is a definitive version of small-scale model that is designed to be easy to use even in small laboratory. Advantages of our conventional models are retained, while new functions are added for further improvement to provide support for cell culture experiments.

Details:

- **Both compact size and large capacity**
Maximum chamber capacity is secured, although the product is a desktop model. A single chamber can accommodate 40 T25 flasks, 12 T75 flasks and 8 T175 flasks for culture.
- **Equipped with high performance IR CO₂ sensor**
A high performance IR (infrared) sensor, which is not affected by temperature and humidity variations.
- **Bright and clearly visible touch screen**
The model is equipped with an LCD touch screen that facilitates intuitive control of parameters and various types of settings.
- **Low oxygen control function (optional)**
Low concentration of oxygen control feature can be added easily by installing O₂ control kit.
- **External output function (optional)**
An external output kit can be installed to use alarm and analog outputs (4 to 20 mA and alarm).
- **Featuring dual level stacking**
A stackable kit is sold separately, which can be used to easily stack and secure the model on two levels.



Code: 54011684

Specifications:

Catalog No.	WKN-MC35			
Number of chambers	1 chamber		O ₂ sensor	Galvanic battery type
Capacity (L)	35		Humidification system	Natural evaporation system (sterile distilled water injected on the bottom surface of the chamber)
Temperature	Range (°C)	Room temperature +5 to 45	Number of shelves	4 levels; shelf dimensions: 310 W x 230 D mm
	Display accuracy	±0.1 (at 37°C)	Shelf load capacity (Kg)	5
CO ₂ concentration	Range (%)	0 to 18	Power supply	100 VAC 50/60 Hz 400W
	Display accuracy	±0.3	External dimensions (mm)	450 W x 524 D x 466 H
O ₂ concentration	Concentration (%)	1.0 to 20.0	Internal dimensions (mm)	350 W x 300 D x 400 H
	Display accuracy	±0.5	Weight (Kg)	32

MEMMERT CO₂ INCUBATOR

memmert

CO₂ INCUBATOR ICO

NEW FEATURES PROVIDE
OVERALL PROTECTION



Code: 0201002



Code: 0201003

- ☞ Temperature range up to +50°C
- ☞ 4 model sizes (with a chamber volume of 50, 105, 150 & 240 litres)
- ☞ Fail-safe, FDA-compliant logging of temperature, CO₂, O₂ humidity, open door time data
- ☞ Battery-buffered Control Cockpit (optional). The operating display, logging and CO₂ control are fully functional even during a power failure
- ☞ Visual and acoustic alarm as well as alarm notification to mobile phones if the individually adjustable temperature, CO₂, O₂, or humidity ranges are exceeded
- ☞ Active humidity control : optional
- ☞ The interior chamber, including all installations and sensors, can be sterilised at +180°C in a 60-minute programme
- ☞ Two gas connections with quick release connectors for automatic switch-over of gas bottles : Optional
- ☞ Electro polished, seamlessly welded chamber
- ☞ Control of oxygen concentration by introducing nitrogen, range from 1 % to 20 % O₂ : Optional
- ☞ USB and Ethernet connections as well as a data logger with a ten-year storage capacity. Data can be read and programmes can be uploaded by remote

An alarm notification to your mobile phone guarantees the safety of your chamber load. The battery-buffered Control cockpit ensures fully functional CO₂ control, even during power failures.

Evolve. Expand. Excel.

Thermo Scientific™ Vios™ iDx CO₂ Incubators



Ready to excel

Choose the Vios iDx Co₂ Incubator for reliable cell culture performance and contamination control.

- 1. THRIVE™ Active Airflow ensures uniform growth conditions.**
- 2. Steri-Run™ Sterilization provides 12-log sterility assurance.**
- 3. Rapid HEPA Filtration: Achieves ISO Class 5 air quality within 5 minutes of opening the door.**
- 4. Advanced sensors continuously monitor CO₂, temperature, and O₂ levels.**
- 5. Remote connectivity and a 7-inch touchscreen enable easy monitoring and control.**

MY C AIR

GAS IN-LINE FILTER



MY C AIR Gas Line Filter contains a proprietary two-stage filter of activated carbon & followed by a 0.1 µm HEPA filtration component. This filter design delivers a high level of VOC filtering capacity and is long-lasting for great value.

KEY FEATURES



Protect your embryos in culture



Unique impregnated membrane filter design increases surface area for maximum VOC filtering efficiency and longer filter life



Result – effective VOC filtering for gas lines and a great value

Code: 24041678



Code: 0701004

STEMI 508

- True Trinocular with 50/50 divisions
- Large field of view and Apochromatic correction
- Large zoom range 8:1
- Interchangeable front optics
- Visualize objects in fields of view up to 122 mm. Expandable upto 287 mm
- Trinocular head with 0.5X reduction adaptor

PRIMO STAR

- Easy to operate
- Robust and durable
- Quality optics from Carl Zeiss
- 10X eyepiece
- 4X, 10X, 40X & 100X objectives
- Numerous innovative solution
- Flexible through its modularity
- Excellent price/performance ratio



Code: 07011676



Code: 0701003

STEMI 305

- True Trinocular with 50/50 divisions
- Large field of view and apochromatic correction
- Zoom range 5 : 1
- Interchangeable front optics
- Visualize objects in fields of view upto 110mm expandable upto 185mm
- Trinocular head with 0.5X reduction adaptor

IUI / IVF / ICSI / PGD LAB SETUP, QC, Maintenance, Validation Services,
Extended Culture & Vitrification

Calibre
SCIENTIFIC | Cell Manipulation
Instrumentation



TransferMan® 4r



PiezoXpert®



Anti Vibration Pad®



InjectMan® 4



CellTram® 4r Air



CellTram® 4r Oil

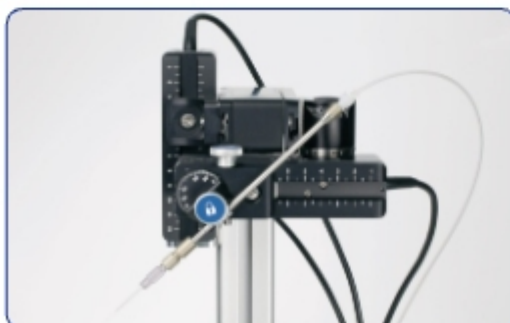
CALIBRE SCIENTIFIC MICROMANIPULATOR
Also Known as ICSI Machine



Code: 56011795

Step size (computational resolution): <20 nm Speed: 0 – 10,000 $\mu\text{m/s}$

- One joystick for precise movement control in 4 axes: X, Y, Z and X/Z (axial)
- Programmable Z-axis limit for preventing capillary breakage
- Unique dual speed joystick for precise, instantaneous control and positioning using two different speed modes
- Dynamic movement control for covering longer distances or speeding up sample processing
- Ergonomically shaped control panel for fatigue-free work
- Simple and quick capillary and sample change using automated home function
- Selection and programming of additional functions (e.g. storage of up to 5 positions, limit, Y-off)
- Comfortable, individual speed adjustment



- Easy adjustable angle from 0° to 90°
- Swivel joint to allow for easy capillary and sample exchange
- One-hand mounting of capillary holder
- Swivel out function for easy capillary exchange

CALIBRE SCIENTIFIC MICROMANIPULATOR

Also Known as ICSI Machine



**Cell Manipulation
Instrumentation**

Examples of Micromanipulation Workstations



Workstation for embryo manipulation techniques:

Recommended setup

- 2× TransferMan® 4r
- 1× Microscope adapter (to be specified at time of order*)
- 1× CellTram® 4r Air for holding
- 1× CellTram® 4r Oil or CellTram® 4r Air for injection

Optional

- 1× set of 25 VacuTip™
- 1× set of 25 TransferTip® (to be specified at time of order)
- 1× PiezoXpert®
- 1× set of 25 Piezo Drill Tips (to be specified at time of order)
- 1× set Antivibration Pad (to be specified at time of order)

**Workstation for generation of transgenic animals
via pronuclear/cytoplasmic injection:**

Recommended setup

- 2× TransferMan® 4r
- 1× Microscope adapter (to be specified at time of order*)
- 1× CellTram® 4r Air
- 1× FemtoJet® 4i

Optional

- 1× CellTram 4r® Oil (for ES cell transfer in blastocysts)
- 1× Femtotip II
- 2× racks of 96 Microloader
- 1× set of 25 VacuTips™
- 1× set Antivibration Pad (to be specified at time of order)

Workstation for injection into early embryos:

Recommended setup

- 1× InjectMan® 4
- 1× Universal stand
- 1× FemtoJet® 4i or FemtoJet® 4x

Optional

- 1× PiezoXpert®
- 1× CellTram® 4r Oil (for xenotransplantation)
- 1× Femtotip II
- 2× racks of 96 Microloader

* Compatible with all major microscope brands (Leica, Nikon, Olympus/Evident, Zeiss)

**Workstation for adherent cell injection and
for injection into Drosophila, C. elegans etc.:**

Recommended setup

- 1× InjectMan® 4 for single adherent cell injection
- 1× TransferMan® 4r for injection into Drosophila, C. elegans etc.
- 1× Microscope adapter (to be specified at time of order*)
- 1× FemtoJet® 4i

Optional

- 1× set Antivibration Pad (to be specified at time of order)
- 2× racks of 96 Microloader
- 1× racks of Femtotip I & II for single cell injection

CALIBRE SCIENTIFIC PIEZOXPRT



**Cell Manipulation
Instrumentation**



Code: 1101015

PIEZOXPRT

Our device for piezo-assisted micromanipulation facilitates easy perforation of cells for subsequent microinjection or manipulation. The piezo impulses are transmitted onto the attached microcapillary directly and without loss. Intuitive operation and a wide adjustment range ensure best performance and reproducible work. The storage and rapid retrieval of two different pulse parameter sets allows the precisely optimized penetration of the piezo forces through the different cell layers (e.g. for the piezo-ICSI-related penetration of zona (strong pulse) and oolemma (soft pulse)).

- Fast and simple sample processing due to intuitive operation
- Reproducible parameter setting
- Program keys to save your experimental parameters
- Trigger impulses with an ergonomic foot control or rotary knobs right on the device
- Optical feedback of triggered impulses
- Additional "Clean" function for simple removal of contamination on the outside of the capillary

CALIBRE SCIENTIFIC CELLTRAM 4R AIR/OIL

CellTram® 4r Air and CellTram® 4r Oil — manual microinjectors for pressure control, aspiration and release of cells, and liquid dispensing — are designed with special emphasis on optimal ergonomics, operational comfort, and high precision. The CellTram® 4r Air is a pneumatic microinjector for a broad range of microtransfer techniques. It is ideal for holding oocytes or embryos and transferring sperm cells. The CellTram® 4r Oil is the tool of choice for sophisticated applications requiring high resolution and pressure (e.g. cell transfer, embryo biopsies or injecting into plant cells). All models offer simple and reliable performance suiting all applications and individual working techniques, satisfying even the most demanding requirements.

CellTram 4r Oil



- ☞ Improved oil-filling system for minimal interruption of the workflow
- ☞ Optimized piston/cylinder system for ultrafine sensitivity
- ☞ Volume change per revolution: 1 μ L / 10 μ L
- ☞ Cylinder volume: 1,000 μ L
- ☞ Minimum adjustable volume: <1.5 μ L
- ☞ Injection tube: 1.3 m length, inner diameter 1 mm, outer diameter 2 mm

Code: 56021796

CellTram 4r Air

- ☞ Non-hydraulic system for oil-free manipulation and injection of cells
- ☞ Piston position scale allows to set air volume and injection characteristics according to individual needs
- ☞ Volume change per revolution: 60 μ L / 600 μ L
- ☞ Cylinder volume: 10 mL
- ☞ Minimum adjustable volume: <100 μ L
- ☞ Injection tube: 1.3 m length, inner diameter 0.5 mm, outer diameter 2 mm

**Code: 56021797**

S-MICROMANIPULATOR ICSI MACHINE



Code: **0901002**

Simple is Best
ilent Motion
mart Design

Made in Japan



Drive Unit



Control Unit



Injector



FEATURES

- Simplest manipulation
- Easy installation
- No coarse manipulator is required
- Large movement range
- 3D oil hydraulic manipulation joysticks for smooth movement
- Pneumatic injector for Injection and Holding
- No oil, no refill, no air bubble or service problem for injectors
- Suitable to any brand of inverted microscope
- Affordable price



USES

Used to inject single sperm into oocyte and all other micro-manipulation processes



TECHNICAL SPECIFICATIONS

MO-20 3 Dimensional with Joy-stick (Micromanipulator)

Universal Joint, X/Y/Z 20 mm each, 2 mm one revolution handle, Joy-stick on X/Y plane 2 mm/max.

IA-1 Pneumatic Injector

Injection holder set, 15 mm

Glass stage warmer (optional)

Warranty : 1 year

STECH IVF ANTI VIBRATION TABLE

SPECIAL EDITION AVT



Code: 0101014



FEATURES

- Advanced anti-vibration system suitable for light to heavy microscopes
- Efficient damping using Coulomb-friction technology for stable performance
- Mass-based stiff support system ensuring quick vibration absorption
- Equilibrated and isolated platform for precise inverted microscope operation
- Working range 15-72 kg
- Roomy workspace around the micro manipulating system
- Dedicated space for mini incubator integration
- MS powder-coated AVT top with stainless steel platform / optional frosted toughened glass tops



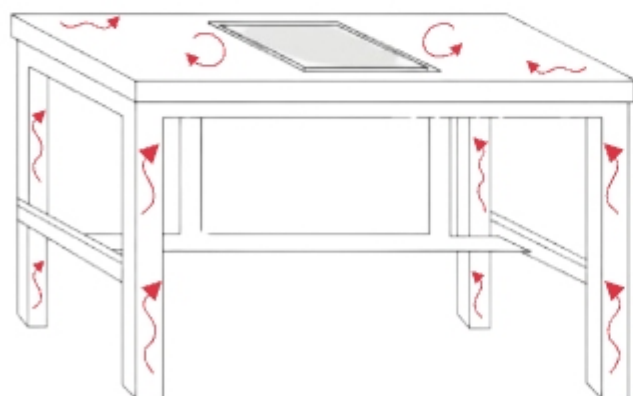
USES

Anti Vibration Table is used to dampen outer vibrations before reaching micromanipulator device



TECHNICAL SPECIFICATIONS

Overall Dimensions (WxDxH)	1200 x 700 x 770 mm
Workspace/tabletop	1200 x 700 mm
Standard Working Height	770 mm
Make/Brand	STECH IVF SOLUTIONS PVT. LTD.
Warranty	1 Year



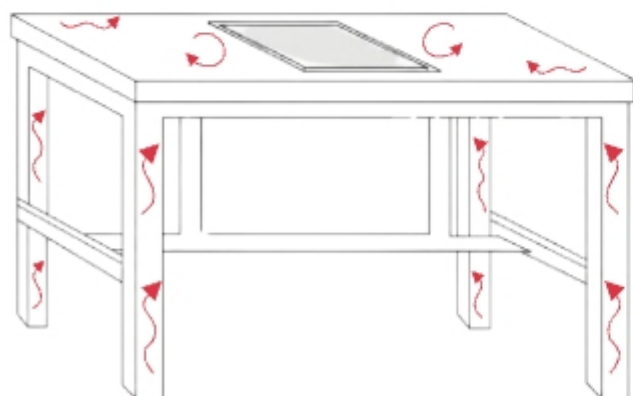
The microscope platform of the Stech IVF Anti-Vibration Table does not touch the actual table. The result is that vibrations reaching the table do not affect the platform.

STECH IVF ANTI VIBRATION TABLE

ICSI TABLE



Code: 0101013



The microscope platform of the Stech IVF Anti-Vibration Table does not touch the actual table. The result is that vibrations reaching the table do not affect the platform.



FEATURES

- Advanced anti-vibration system suitable for light to heavy microscopes
- Efficient damping using Coulomb-friction technology for stable performance
- Mass-based stiff support system ensuring quick vibration absorption
- Equilibrated and isolated platform for precise inverted microscope operation
- Working range 15-72 kg
- Roomy workspace around the micro manipulating system
- Dedicated space for mini incubator integration
- MS powder-coated AVT top with stainless steel platform / optional frosted toughened glass tops



USES

Anti Vibration Table is used to dampen outer vibrations before reaching micromanipulator device



TECHNICAL SPECIFICATIONS

Overall Dimensions (WxDxH)	1190 x 710 x 610 mm
Workspace/tabletop	1190 x 710 mm
Standard Working Height	610 mm
Make/Brand	STECH IVF SOLUTIONS PVT. LTD.
Warranty	1 Year

STECH IVF AIR PURIFICATION SYSTEM

AHU TOWER



Code: 0101010



FEATURES

- 4 stages of filtration
- Optional UVC Germicidal
- Removes VOC & CAC effectively
- Noiseless design (less than 65dB)
- Standby / Run Mode
- Effectively covers area up to 2000 sq ft
- Continuous operation runs 24 hrs 365 days
- 70% recirculation 30% fresh air
- Also offers positive pressure effect



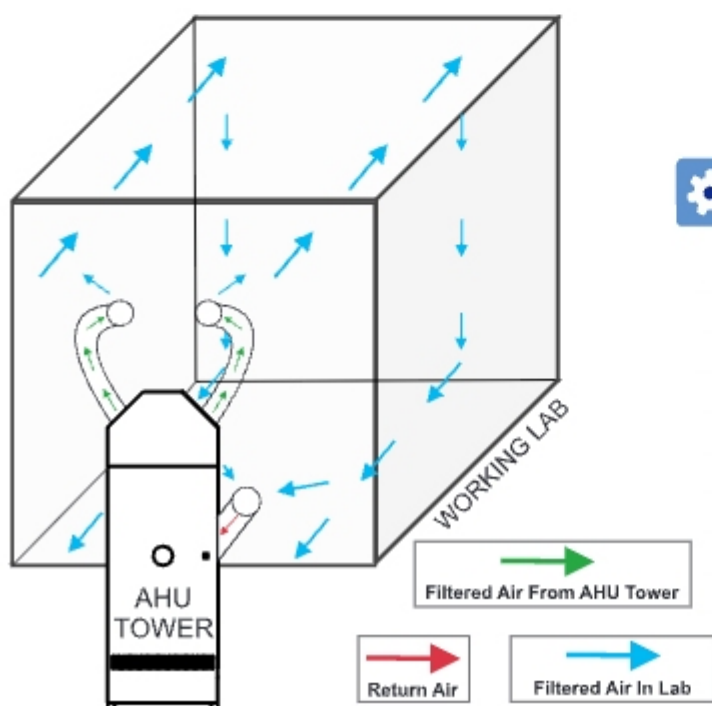
USES

Air Purification tower in the IVF lab is use to remove volatile organic compound (VOCs), microbial organisms, harmful chemicals, gases, smoke & fine particle from the lab environment.



TECHNICAL SPECIFICATIONS

Overall Dimensions (WxDxH)	653 x 403 x 1910 mm
Area Coverage	2000 sq. ft.
Blower Noise Level	<65 DBA
Power Consumption	330 Watt
Mains Voltage	230 V
Mains Frequency	50Hz
Make/Brand	STECH IVF SOLUTIONS PVT. LTD.
Warranty	1 Year

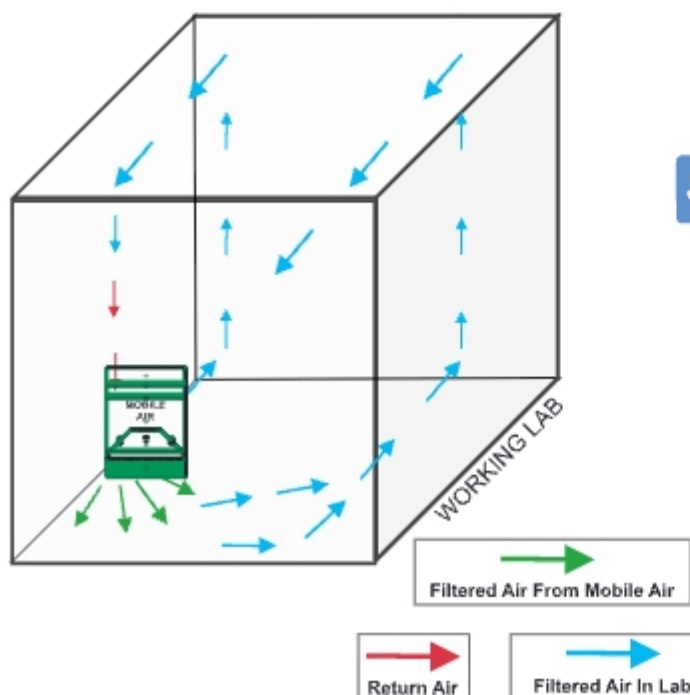


STECH IVF AIR PURIFICATION SYSTEM

MOBILE AIR



Code: 0101011



FEATURES

- Movable to required area
- Activated Carbon impregnated with alumina & KOH removes molecular contaminants
- HEPA filtration removes particulate contaminants
- 4 speed option for variable room size
- < 65 dB noise level so low in the industry
- Maximum Air Flow : 500 Cubic Feet / minute
- Air Exchanges / Hour in 500 sq. ft. : 9.53
- Effective Coverage : 500 sq. ft
- 100% recirculation



USES

Air Purification tower in the IVF lab is use to remove volatile organic compound (VOCs), microbial organisms, harmful chemicals, gases, smoke & fine particle from the lab environment.



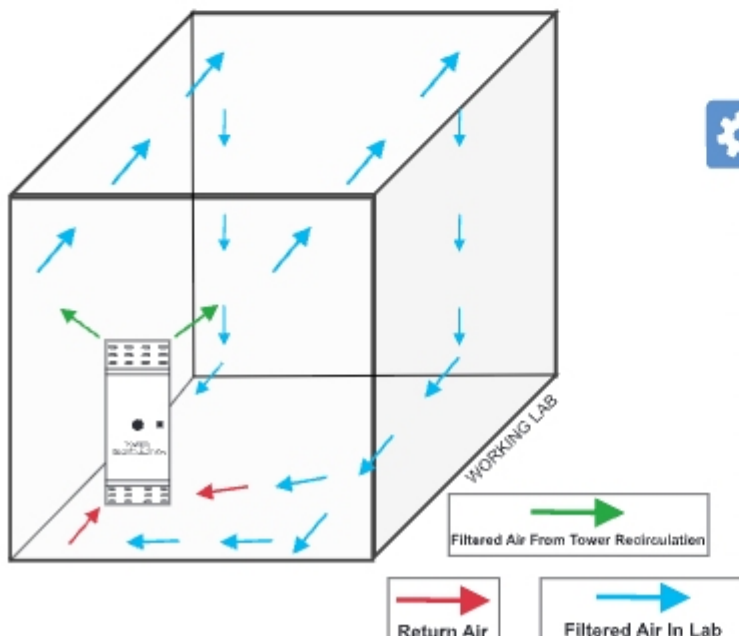
TECHNICAL SPECIFICATIONS

Overall Dimensions (WxDxH)	653 x 403 x 960 mm
Area Coverage	500 sq. ft.
Blower Noise Level	<65 DBA
Power Consumption	165 Watt
Mains Voltage	230 V
Mains Frequency	50Hz
Make/Brand	STECH IVF SOLUTIONS PVT. LTD.
Warranty	1 Year

STECH IVF AIR PURIFICATION SYSTEM TOWER RECIRCULATION



Code: **0101009**



FEATURES

- 100% Air recirculation in IVF lab
- Carbon filter will remove VOC & CAC free class 10,000 environment
- HEPA filters will remove 0.3 micron particles
- Blowers (2 nos) with Noise level < 65 dB
- Standby & running mode
- Magnehelic gauge will represent filter life time
- Easy movable with wheels
- Covers upto 1500 Sq. Ft area
- Optional : Germicidal UVC



USES

Air Purification tower in the IVF lab is use to remove volatile organic compound (VOCs), microbial organisms, harmful chemicals, gases, smoke & fine particle from the lab environment.



TECHNICAL SPECIFICATIONS

Overall Dimensions (WxDxH)	403 x 653 x 980 mm
Area Coverage	1500 sq. ft.
Blower Noise Level	<65 DBA
Power Consumption	165 Watt
Mains Voltage	230 V
Mains Frequency	50Hz
Make/Brand	STECH IVF SOLUTIONS PVT. LTD.
Warranty	1 Year

CRYOCANS



Specification	Unit	BA-03	BA-11	BA-20	BA-35	J-12	TA-26	TA-55
Capacity LN2	Ltrs	3.9	11.6	20.5	33.3	47.3	25.5	51.5
Empty Weight	Kgs	3.3	6.5	11.0	14.6	15.9	11.6	15.0
Full Weight	Kgs	6.4	15.9	27.5	41.5	54.1	32.2	56.6
Neck Dia	mm	51	51	51	51	120	51	51
Outer Dia	mm	220	300	400	460	460	400	460
Total Height	mm	460	571	654	646	700	681	717
Evaporation Loss	Ltrs/day	0.135	0.14	0.118	0.118	0.38	0.25	0.43
Holding Time	Days	29	83	174	282	124	102	120
Canister OD	mm	38	38	38	38	72	-	-
Canister Height	mm	120	120/280	120/280	120/280	280	-	-
No. of Canisters	No.	6	6	6	6	11	-	-
Straw Capacity (Single)	0.5/0.25 ml	720/1560	720/1560	720/1560	720/1560	-	-	-
Straw Capacity (Double)	0.5/0.25 ml	-	1440/3120	1440/3120	1440/3120	11000/24000	-	-

LEO PORTABLE METER

LEO is a battery operated, handheld analyzer designed to measure CO₂, O₂, Temperature, VOC, Relative Humidity and pH.

Includes CO₂ and O₂ sensors.

Optional modules: Temperature, Humidity, VOC

- ☞ User-friendly touch screen interface
- ☞ Compatible with any incubator on the market
- ☞ Diffusion or Pump gas sampling modes
- ☞ Pump suction rate 100ml/min
- ☞ Sampling tube and de-humidification kit included
- ☞ Long term logging
- ☞ Micro USB for data download
- ☞ Calibration:

a) Removable sensors can be shipped to certified laboratories to be calibrated. Calibration is stored in sensor on-board memory. Leo reads calibration upon sensor installation

b) In situ sensor calibration via LEO calibration

	Type	Range	Accuracy
CO ₂	Non Dispersive InfraRed (NDIR) dual wave length detector with pressure and temperature compensation	0-20%	±(1.0% of full scale +2% scaling) at 6% - ±0.32%
O ₂	Fluorescence based optical sensor	0-25%	±(1.0% of full scale) at 6% - ±0.25%

T Modules

Leo features two external temperature modules, which can operate at the same time:

- ☞ T1 is a small, flexible immersible thermocouple, ideal for measurements in liquids, such as the culture media in the dish.
- ☞ T2 is a thermistor, ideal for measurements of incubator temperature, accessed through the sampling port.



Code: 1401002



Each sensor module stores calibration data in its own local memory, that LEO reads upon connection.

CO₂ - O₂ SAMPLING

Diffusion Mode

Optional modules: Temperature, Humidity, VOC

Pump Mode

Optional modules: Temperature, Humidity, VOC

VOC METER (PPM)



Code: 0101021



FEATURES

- Real time indoor air quality and alarm
- 0 – 30 ppm Qualitative VOC measurements
- Three-color backlit LCD and Buzzer alarm
- High quality techniques elegant appearance & CE - approval



USES

To detect VOCs at PPM level in environments



TECHNICAL SPECIFICATIONS

Overall Dimensions (WxDxH)	85 x 40 x 130 mm
Warm Up Time	72 Hrs (First time) 30 Mins (Normal Operation)
Power Consumption	100 Watt
Mains Voltage	230 V
Mains Frequency	50Hz
Make/Brand	STECH IVF SOLUTIONS PVT. LTD.
Warranty	1 Year

THERMOMETER



Code: **1501002**



FEATURES

- Make : Omega
- Dual K type micro droplet thermocouple
- Thermocouple offset Adjustment
- Data Storage for 120 Samples
- Protective Rubber cover
- Auto - Range : 0.1/1° Resolution
- CE Mark
- Calibrated at NABL facility



USES

Used to monitor temperature inside the incubator / petri dish / heated stage



TECHNICAL SPECIFICATIONS

Overall Dimensions (WxDxH)	255 x 106 x 40 mm
Battery Life	200 Hrs
Power Consumption	100 Watt
Mains Voltage	230 V
Mains Frequency	50Hz
Make/Brand	Omega
Warranty	1 Year

PARTICLE COUNTER



Code: 3101001



FEATURES

- True Laser Particle Counter
- Measures particles from 0.5 micron to 5 micron with 5 channels
- Sizes small and large particles
- Continuous reading with battery backup
- Immediate response to changing environment
- Up to 30 days of history data stored



USES

Measure size amount (PPB) of particulate matter in environment



TECHNICAL SPECIFICATIONS

Overall Dimensions (WxDxH)	70 x 55 x 240 mm
Battery Life	200 Hrs
Power Consumption	100 Watt
Mains Voltage	230 V / 1 Amp
Mains Frequency	50Hz
Make/Brand	CEM
Warranty	1 Year



PARTICLE COUNTER MULTIRAE PRO



Code: 53011328



FEATURES

- Highly versatile and customizable
- All-in-one monitoring capabilities for radiation, VOCs, oxygen, toxic and combustible gases, up to 6 threat types at a time
- Over 25 interchangeable sensor options, including parts-per-billion PID and gamma radiation
- Wireless access to real-time instrument readings and alarm status from any location
- Man Down Alarm with real-time remote wireless notification
- Compliant with MIL-STD-810G and 461F performance standards
- Fully automatic bump testing and calibration with AutoRAE 2



USES

This portable, IP-65 rated detector uses interchangeable PID sensors to wirelessly monitor VOCs for environmental and industrial applications



TECHNICAL SPECIFICATIONS

Overall Dimensions (WxDxH)	193 x 96.5 x 66 mm
Battery Life	12-hr runtime (Standard Li-ion) to ~18-hr runtime (Extended Li-ion)
Operating Temperature	-4° to 122°F (-20° to 50°C)
Ingress Protection	IP-65 (Dust and Water Resistance)
Make/Brand	Honeywell RAE Systems
Warranty	1 Year

pH METER

EPOC ANALYSER



Code: 05011297



Color-coded results

- Normal
- Outside Reference Range
- Critical



FEATURES

- Measure the pH of media
- Handheld wireless device with graphic screen
- Rapid results - less than a minute
- Sample volume requirement is 1 µL
- Room temperature storage of test cards
- Bar - coded test cards for quality & inventory management
- Automated integrated calibration and quality checks



USES

Monitor pH level of media



TECHNICAL SPECIFICATIONS

Overall Dimensions (WxDxH)	90 x 20 x 70 mm
Voltage	230 V / 1 Amp
Make / Brand	SIEMENS
Warranty	1 Year

IVF WORK CHAMBER & ANTI VIBRATION TABLE

G603

- ☞ The G603 combines the characterises of a K-Systems workstation with an incubator like environment making it ideal for: The aspiration room for retrieval processes
- ☞ In larger IVF clinics for transport between the Aspiration room and the Embryo lab
- ☞ Workspace : 940x500 mm
- ☞ The integrated gas mixing system mixes the CO₂ and O₂ to your preferred level of mixture
- ☞ Mixing range for CO₂: 2-10%, for O₂: 2-20%
- ☞ The re-circulated, humidified and warmed gas combined with the Alu Heat system assures a stable temperature in the entire work area
- ☞ The re-circulated gas has a grade A quality achieved by circulation through a HEPA filter, a VOC filter, and a closed UV light chamber
- ☞ Wheels easily changeable cuffs easily access through side doors can be prepared for a variety of microscopes
- ☞ Electrical adjustable height, range: 75-115 cm. Soft support pads for arm rest.



Code: 0301036



Code: 0301009

AV1 ANTI VIBRATION TABLE

- ☞ The Anti Vibration Table handles from light to heavy inverted microscopes.
- ☞ The dampening system uses Coulomb-friction for optimal results.
- ☞ The spring system can be tuned to the optional resonance frequency, to ensure effective dampening of vibrations to all sizes of microscopes.
- ☞ Working range 15-72 kg

IVF & ICSI WORKSTATION



- K-Systems Workstations meet the standards as ISO 14644-1 or EN 12469 for Class II cabinets.
- The front window with the integrated Eye Draught Protection
- 90 mm dia heated stage is integrated in the microscope light opening
- The Gassing and Humidification System Maintain the pH in the media during operations.
- The heated work area – The Alu Heat System for uniform and precise heat distribution in the work area.
- In-built transmitted light source
- In-built medical grade monitor is completely sealed to the backwall

L124

- Overall Dimensions (WxDxH) : 1246x735x2020 mm
- Workspace/tabletop: 1226x553 mm



Code: 0301008

L126 DUAL

- Designed for 2 Work spaces
- A dual workstation offers the potential to simultaneously set up a perfect rotation system and organize division of work and keep the workflow of individuals undisturbed



Code: 0301007

L126 MP

- The right side is for mounting of a stereomicroscope and left side is dedicated to an inverted microscope for performing ICSI / IMSI in clean air.
- The MP version is cost and space saving
- The Anti Vibration Table eliminates vibrations



Code: 0301006

MINI INCUBATOR & ACCESORIES



Code: **0301005**

G85

- Designed as a satellite incubator to reduce embryonic stress during handling for instance when performing ICSI and for short term incubation of oocytes.
- Low consumption of pre-mixed gas
- Built-in humidified Gas System
- Automatic gas purging function quickly returns the pH to the physiological range
- Two heated chambers with heated lids can handle up to four warming blocks. Included.

T45 & T47 WARMING PLATES

- Need of extra warming space, the warming plate is ideal for embryology or aspiration
- Integrated temperature controller
- The easy to read temperature is extremely precise and reliable, within the warming plate's range of ambient to 49.9°C
- The temperature level is adjusted directly on the keyboard in increments of 0.1°
- Chemical resistant & easy to clean, hardened double anodized surface



Code: **0301011**

Code: **0301363**



Code: **0301012**

G95 PORTABLE INCUBATOR

- Built-in battery, to maintain a correct and stable temperature level up to 4 hours.
- The incubator can be connected to a 12 volt socket (cigarette lighter socket) in a vehicle for longer transport.
- Gas mixture is connected by quick-snap valve.

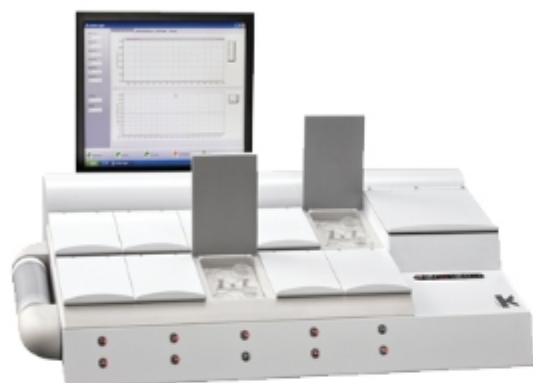
R65 TROLLEY

- Mobile trolley for oocyte retrieval
- Heated smooth tabletop & heated drawer
- Shelf for storage
- Adjustable temperature with key



Code: **0301034**

LONG TERM FLAT BED INCUBATORS



G185

- More than 1000 installations worldwide
- 10 individual chambers & 1 pre heat chamber
- Temperature stability – 6 separate sensors to control and regulate temperature
- Extensive data logging and alarm system
- Pre heating chamber for equilibration

G185 ST

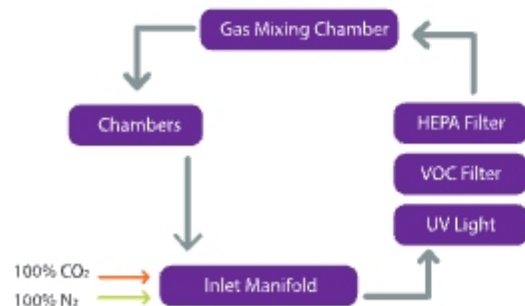
- Continuous pH measurement based on infrared monitoring with online pH & temperature monitoring can be incorporated: optional

Code: **0301001**

Code: **0301002**

G210 INVICELL

- Emulation of the natural basal body temperature cycle with the advanced software based heating technology
- Harmless incubation with non-inductive EM Neutra technology (Patented)
- 10 individual chambers & 1 large volume media equilibration chamber
- 360° Heating each isolated chamber has its own temperature sensor to ensure quick and accurate temperature control of all 6 sides in the chamber
- Stress free incubation by stable temperature and gas control
- Log data and be warned by K-Link– Extensive Ethernet based monitoring
- Large 7" touch-screen display gives you intuitive control of all parameters and on screen data display.



Code: **0301003**

Code: **0301004**

G210 INVICELL PLUS

- Continuous pH measurement based on infrared monitoring with online pH & temperature monitoring can be incorporated : optional

ARTSMedia Denmark Products

Founded in 2020 by scientists for scientists



ARTSMedia Sperm Density Gradient
Medium 45 %



ARTSMedia Sperm Density Gradient
Medium 90 %



FDA
approved



ARTSMedia Oocyte Aspiration Medium



ARTSMedia Semen Wash Medium

For enhanced safety and assurance our media are BEA (Bovine Embryo Assay) tested using 300 inseminated oocytes in 2-3 replicates.



In comparison

The MEA test includes 21 fertilized mouse oocytes (zygotes) per group and just one replicate is performed.



ARTSMedia Denmark

– Where new life begins

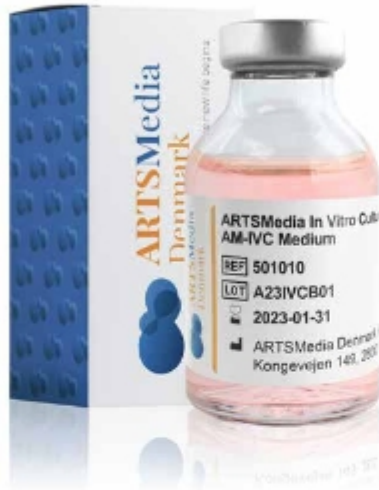
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ARTSMedia in Vitro Culture Medium

AM-IVC Medium with Human Serum Albumin



AM-IVC Medium is a culture medium intended for in vitro culture of human gametes and embryos from fertilization until the blastocyst stage of development (day 5). The medium can also be used for embryo transfer.

Appearance: Clear and particulate free
Sterility: No growth (Ph Eur. 2.6.1, USP <71>)
Endotoxins: < 0.05 EU/ml (USP <85>)

Device Description

ARTSMedia Culture Medium is a bicarbonate-buffered balanced salt solution, with physiological salts, Amino acids, Calcium lactate, EDTA, Gentamicin sulphate 10 µg/ml, Glucose, L-glutamine, Human serum albumin (HSA), Insulin, Sodium hyaluronate, Sodium pyruvate, Sodium bicarbonate, and Phenol red.

Quality Control Specifications

pH: 7.2-7.45 (Ph Eur. 2.2.3, USP <791>)

Osmolality: 257-275 mOsm/kg

(Ph Eur. 2.2.35, USP <785>)

The results of each batch are stated on of Analysis, which is available upon request.

Storage

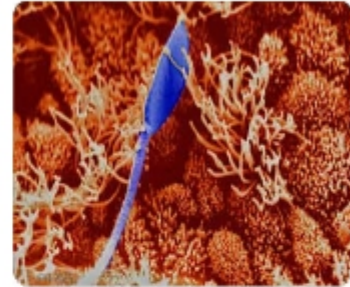
Store dark at 2-8° C in original container.
Do not freeze.

General notes before use

AM-IVC Medium is bicarbonate buffered and should pre-equilibrate in a CO₂ incubator set at 37° C and 5-6% CO₂.
Note: Adjust incubator settings to a higher CO₂ concentration if the altitude is above sea level.



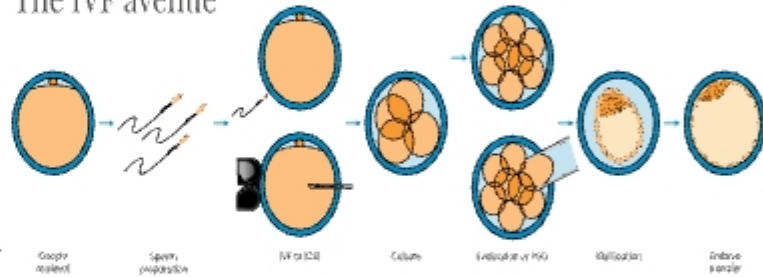
Scanning electron micrograph of human ovule one hour after insemination in vitro. The photograph is pseudocolored. Spermatozoa (blue), zona pellucida (red) and cumulus cells (orange).



Scanning electron micrograph of bovine spermatozoon in the cervix. The photograph is pseudocolored. Spermatozoon (blue) and oviduct epithelium (orange).

Photos: Professor Poul Hyttel

The IVF avenue



Poul Hyttel

Professor Poul Hyttel holds a DVM, a PhD, and a Doctor of Veterinary Science degree from the former Royal Veterinary and Agricultural University (now incorporated into University of Copenhagen) where he has served as Professor of Anatomy for more than 40 years. Poul has conducted research in assisted reproductive technologies and stem cells, and he is internationally renowned for his electron microscopical visualizations of oocytes and embryos. Poul has now retired and shifted his focus into a more artistic avenue and serves ARTSMedia Denmark by providing graphically reworked micrographs and drawings.



Poul Hyttel
Professor, DVM, PhD,
DVSC, DHC, R1

Stroebech media



Bovine IVF Media Products

- BEA Tested
- Serum Free
- Delivered in Glass bottles
- Manufactured in Denmark by ISO 9001 & ISO 13485 certified facility.
- Formulated by Industry Experts/Scientist with more than 40 yrs of experience
- Established protocols for Laboratory set-up, Procedures, best Practices for Best-in-class results
- Individual Personal Training, Support and Guidance
- Shelf Life up to 2 years



Dr. Lotte Stroebech

DVM, PhD. (Denmark)
Design & Developer



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Bovine IVF Media

Every medium batch is provided with a Certificate of Analysis with a high level of Quality Control (QC) release parameters.

As a customer you get a detailed Manual of Procedure and access to online support.
Furthermore, there will be online training courses and individual troubleshooting sessions.

All the media are serum-free and ready-to-use and require no supplements.

Key ingredients are listed at www.stroebech-media.com
The media range applies to in vitro production of bovine embryos from both Ovum Pick Up and Slaughterhouse ovary collection.
The media can also be used to produce sheep, goat, buffaloes and camelid embryos. For endangered species, ZOO- and wildlife animals get in touch.

Small Ruminant IVF Media

Every medium batch is provided with a Certificate of Analysis with a high level of Quality Control (QC) release parameters.

The most important is the Bovine Embryo Assay BEA Test. There are huge differences in reproductive physiology between the mouse and cow, therefore a MEA test is not sufficient QC for a bovine medium.

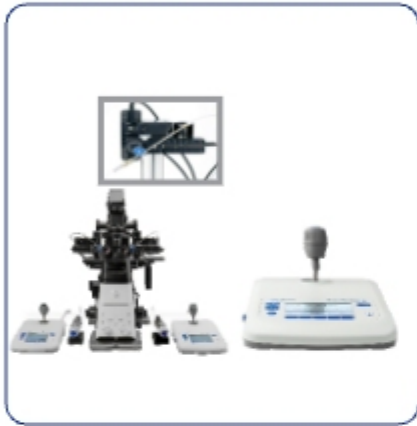


Equine IVF/ICSI Media

Every medium batch is provided with a Certificate of Analysis with a high level of Quality Control (QC) release parameters.



TransferMan® 4r



PiezoXpert®



CellTram® 4r Air/ Oil





WAKEN  TECH CO., LTD.



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