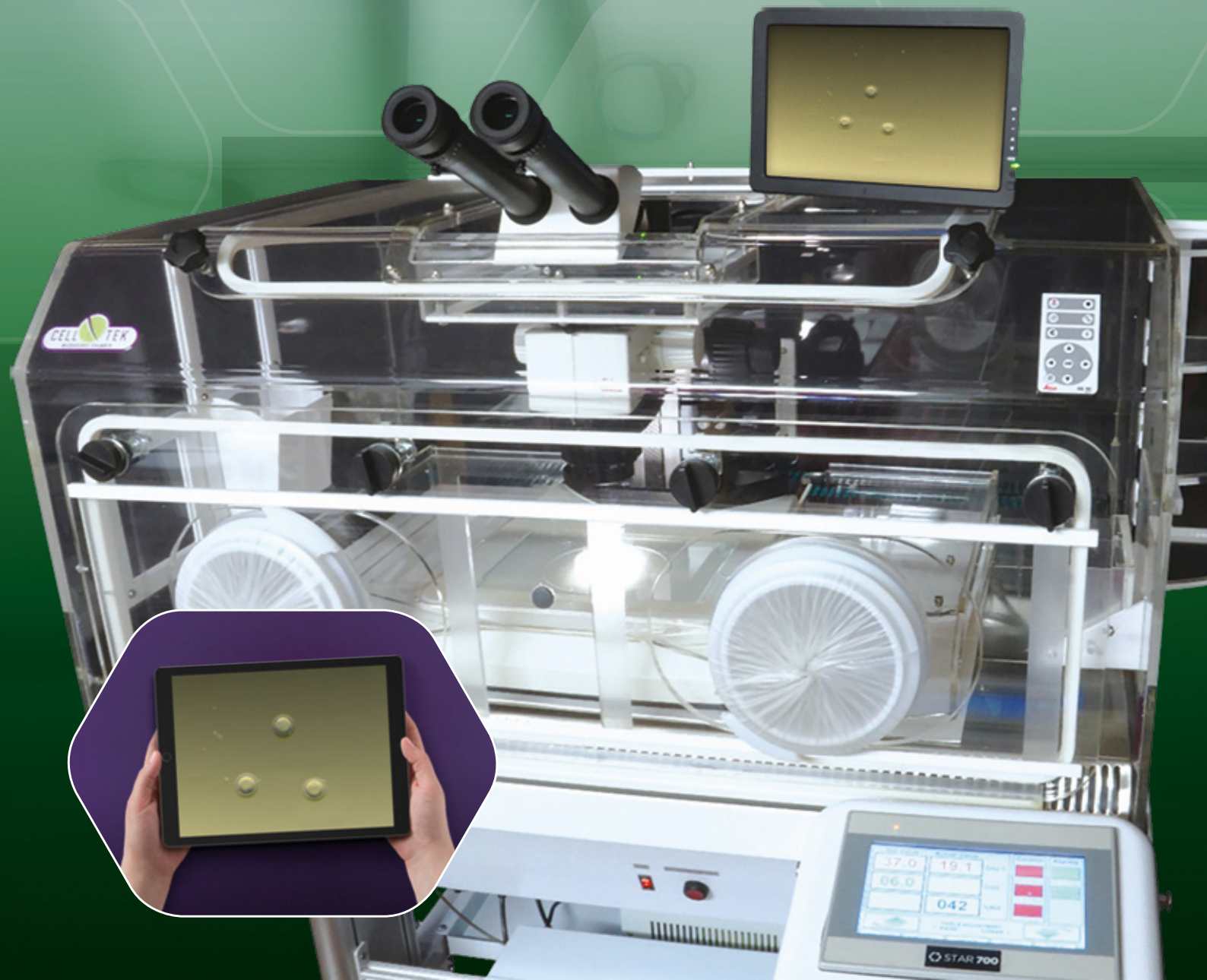


CELLOTEK

MICROSCOPE CHAMBERS

Optimising embryo working environment using the latest technology.



CELL-TEK MICROSCOPE CHAMBERS

Cell-Tek chambers are an essential part of good laboratory practise when visually examining, manipulating, transferring or assessing oocytes and embryos for in-vitro fertilisation (IVF)

- Stable temperature controlled air throughout the chamber and all internal components
- Controlled CO₂ enriched environment for tissue and specimens within the chamber
- VOC removal from circulated air by unique UV photocatalytic module
- HEPA & Carbon filtered airflow providing a clean room environment
- Microscopic observation in an ergonomic design, for seated or standing operation.



CELL-TEK 3000 IV

Accepts most conventional inverted microscopes (not supplied) with manipulation instruments and other assessment options (Lasers and imaging modules).

Mounted on rigid base stand for seated operation. Includes Cell-Tek proprietary anti-vibration base plate, rear cable access port for inverted microscope and accessories.

Controlled environment for complete chamber with all Cell-Tek 3000 control options.



CELL-TEK 3000 IV BTM

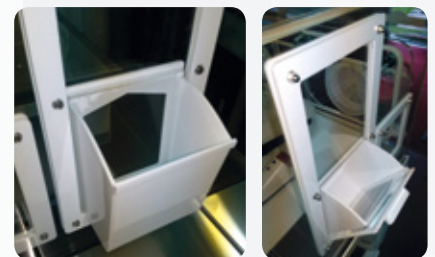
Integrated bench top module, permanent fixture in laboratory bench. Non height adjustable.

Accepts inverted microscopes, manipulators and lasers.

OPTIONAL ACCESSORIES:



Side opening with tube warming block



Dish and tube waste container



CELL-TEK 3000

Fully optioned instrument including high quality ergonomic stereo microscope and simultaneous visualisation on high resolution LCD screen. Integrated Camera with image and video capture to SD card. Connection to multiple screens or PC. UV photocatalytic VOC removal module. Controlled humidification of the environment. Multiple side ports for optional accessories. With mobile motorised height adjustable trolley.



CELL-TEK 3000 B

Basic chamber with high quality stereo microscope observation. CO₂ and temperature control without UV photocatalytic VOC removal module. HEPA and carbon air filtration of circulated air. Single port on either side for optional warming block. Without LCD screen or camera option for image or video capture. Without controlled humidification. With mobile motorised height adjustable trolley



CELL-TEK 3000 BTM

Bench top integration unit of Cell-Tek 3000 model, to suit new lab design and permanent location. Space saving and cost effective. Requires bench cut-out to accommodate the instrument location. Without mobility or height adjustable trolley.



Large spring-loaded side door



Side opening door with three shelves for dishes and tubes



Trolley mounted CO₂ gas bottle holder



HDMI Connection for remote LCD screen/s

CELL-TEK STANDARD FEATURES AND OPTIONS.

FEATURES	CELL-TEK 3000 B	CELL-TEK 3000	CELL-TEK 3000 BTM	CELL-TEK 3000 IV	CELL-TEK 3000 IV BTM
Cell-Tek module with fan circulation and control of temperature, CO ₂ and humidity with heated water tray to 70%. Rear safety draw bar. For assembly on mobile trolley.		●		●	
Cell-Tek bench top module with fan circulation and control of temperature, CO ₂ and humidity. No rear safety draw bar or trolley support channels. For laboratory bench integration.			●		●
Cell-Tek basic module with fan circulation and control of temperature and CO ₂ only. With rear safety draw bar. For assembly on mobile trolley.	●				
HEPA and carbon filter.	●	●	●	●	●
UV Photocatalytic VOC removal module in air flow.		●	●	●	●
Humidity control to 70% with heater reservoir.		●	●	●	●
Touchpad screen control with graphic data logging, data export to USB, easy calibration features.	●	●	●	●	●
OPTIONAL ACCESSORIES FOR CELL-TEK CHAMBERS					
Acrylic canopy with side openings left and right for optional warming block module, side access for optional accessories. Sliding arm port and large hinged front door. Rear utilities port.		●	●	●	●
Acrylic canopy with one side opening for optional single heating block. Sliding arm port and large hinged front door. Rear utilities port.	●				
Removable acrylic lid with insert to accept Leica stereo microscope.	●	●	●		
Acrylic canopy to house inverted microscope systems and manipulators. 4 hinged access ports. Side openings left and right for optional warming block module and optional side access accessories. Sliding arm port. Rear utilities port.				●	●
Anti-vibration platform 50 x 30 cm to accommodate inverted microscopes and manipulation accessories.				●	●
Removable acrylic lid with insert to suit inverted microscope of choice. Clear membranes for lamp housing and binocular tube.				●	●
Motorised height adjustable trolley for standing or seated operation. Includes motor power kit. Controlled by touch pad. 4 large castors and lift-locks for stability. Mobility through 80 cm door or entrance.	●	●			
Rigid base stand to suit Cell-Tek 3000IV for inverted microscope systems. 4 large castors with lift-locks.				●	
Leica M80 Stereo microscope with 12X-96X zoom magnification. Tilting binocular tube. 10X eyepieces. 90 mm working distance. Coarse and fine focus. Large mirror base with LED illumination.	●	●	●		
Integrated camera module with SD card for image or video capture/storage via remote hand piece. HDMI connection for LCD screen or PC.		●	●		
Canopy mounted high resolution 10" LCD with HDMI connection for simultaneous live visualisation of eyepiece image.		●	●		
OPTIONAL ACCESSORIES FOR CELL-TEK CHAMBERS					
Trolley mounted CO ₂ gas bottle holder.	●	●		●	
Swing out door with three shelves located left or right.		●	●	●	●
Hinged tube access port for 4 place aluminium block.	●	●	●	●	●
Aluminium block with 4 holes for capped collection tubes 95 x 16 mm.	●	●	●	●	●
Swing out waste disposal unit.		●	●	●	●
Plain side access door spring loaded.		●	●	●	●

Modification and changes without notification.

Special applications requirements are welcome.

FOR FURTHER DETAILED INFORMATION CONTACT:

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