



IVF WORKSTATION



A state-of-art design, provides an optimal environment for operations on oocytes, sperm and embryos during the ART procedure, including extremely clean working area, precise temperature control and double-ensured anti-vibration system.

●●● Accurate Temperature Control

IW Series IVF Workstation provides the most steady and precise heating with high excellent accuracy at $\pm 0.1^{\circ}\text{C}$ and uniformity at $\pm 0.2^{\circ}\text{C}$.



U-shape Heating Surface



Built-in Heating Glass



Integrated CO₂ Incubator

© Class I medical device under MDR (EU) 2017/745 annex VIII (for IW-A series)

© FDA 510(k) Exempt device, establishment registration and device listing have been completed

●●● Stable and Uniform Vertical Laminar Flow



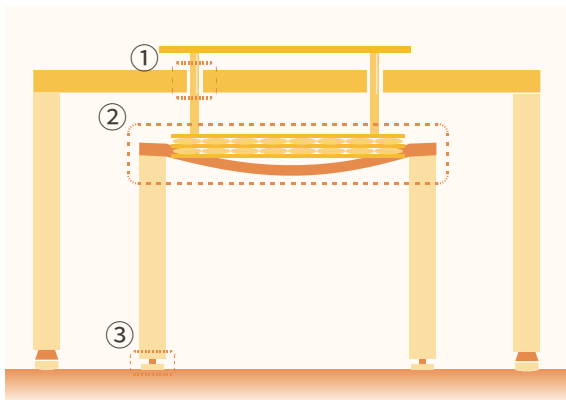
The built-in filtration system of IW series IVF workstation was specially designed to provide clean environment in the working area.

- ★ ISO Class 5 clean air, achieved by VOC filters and HEPA filter.
- ★ Less than 0.5 cfu depositing bacterial concentration.
- ★ Special designed duct that provides steady laminar flow to cover all working area.
- ★ Average airflow: 0.2~0.5m/s; high speed mode at 0.32m/s; low speed mode at 0.25m/s.
- ★ Air curtain (optional) helps protect samples and operators.



●●● Anti-vibration System

Built-in anti-vibration table reduces the vibration from working environment, fans and operation, delivers an ideal environment for the operation of micromanipulation.



- ① Isolated design
- ② Spring steel damping system
- ③ Advanced damping foot design



●●● Friendly Operation



Quiet

Lower noise level can help operators focus more on their work.



Convenient

Intuitive multi-function screen can achieve real-time temperature control, function setting and monitoring, timer for booting & shutdown, alarm setting and so on.

●●● Quality Control



The monitoring camera (optional) can be integrated in the top of the workstation, which can monitor the whole workspace.



RFID verification system protects samples from mismatching. The area of stereomicroscope is integrated with RFID, which is well fitted with workstation.



Environment sensing system (optional) can monitor the wind speed values, TVOCs, particles in the workspace in real time.

C-stage series:

Low-temperature & Humidify Workstation



1 Refrigerated operating area:

Temperature range: 2 - 4°C
Temperature accuracy: $\pm 0.1^{\circ}\text{C}$
Adopts a recessed design for easy placement of operation dishes and reduced liquid spillage.

3 Liquid delivery device:

With droplet speed adjustable via a rotary knob.

5 Control monitor:

Real-time temperature monitoring of the droplet cooling device and refrigerated operating areas. Temperature settings can be adjusted as needed.

2 Liquid cooling device:

Unique pipeline design increases the heat conduction area.
Cooling temperature: 2 - 4°C

4 Liquid compartment:

Capacity: 500 mL.

●●● Technical Specification

Model	IW-A950	IW-A1350A	IW-A1350C	IW-A1350S	IW-A1800	IW-A1800D	IW-A1800S	IW-A1800M
Workplaces for microscope	stereo x1	stereo x1 (L /R)	stereo x1 (L /R)	inverted x1 (L)	stereo x1 (R)	stereo x2	inverted x1 (L)	inverted x1 +stereo x1
Heating table (WxD mm)	800x500			none	600x500	600x500 (x2)	none	600x500
Heating glass plate	x1			none	x1	x2	none	x1
Stereomicroscope light source	x1			none	x1	x2	none	x1
Anti-vibration system	none			x1	none		x1	x1
Integrated CO ₂ incubator	x1	x1	none	x1	x1			
Built-in monitor	none	21 inch			23.8 inch			
Multi-function screen	x1							
Soft film keypad	x1				x1	x2	x1	x1
Waterproof socket	x2							
Computer shelf	x1							
Mouse and Keyboard shelf	none	optional x1		none	optional x1			

Model	IW-B1800	IW-B1800D	IW-B1800S	IW-B1800M	IW-B1800L
Workplaces for microscope	stereo x1 (R)	stereo x2	inverted x1 (L)	inverted x1+stereo x1 or stereo x1+inverted x1	none
Heating table (WxD mm)	800x500	800x500 (x2)	none	800x500	none
Heating glass plate	x1	x2	none	x1	none
Stereomicroscope light source	x1	x2	none	x1	none
Anti-vibration system	none		x1	x1	none
Integrated CO ₂ incubator	optional x1	optional x2	optional x1	optional x1	none
23.8-inch monitor	x1				
10.1-inch multi-function screen	x1				
Integrated RFID identification module	x1	x2	none	x1	none
Storage space	optional x2 (each can be divided into 4 shelves)				
Monitoring cameras	optional x2				
Monitoring camera for stereomicroscope	optional x1	optional x2	none	optional x1	none
TVOC detector	optional x1				
PM0.5 detector	optional x1				
Soft film keypad	x1	x2	x1	x1	x1
Waterproof socket	x2				
Computer shelf	x1				
Mouse and Keyboard shelf	optional x1				

Model	C-stage1350	C-stage1800
Workplaces	Refrigerated x1	Refrigerated x1 heated (stereomicroscope) x1
Heating table	none	800x500
Heating glass plate	none	x1
Stereomicroscope light source	none	x1
Refrigerated operating area	x2	
Liquid cooling device	x1	
Liquid delivery device	x1	
Heat dissipation device	x1	
Multi function screen	x2	
Pedal	x1	
Monitoring camera ports	x2	
Monitoring camera (optional)	x2	
19-inch monitor	optional x1	x1



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