



Fertilisafe™

Multi-Zone ART Workstation

Design Excellence - Superior Quality

Fertilisafe™ is packed with features and technology which will serve your laboratory well



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Fertilisafe™

Multi-zone Workstation



Fertilisafe™ — to support
superior and gentle handling
of your embryos

”

FEATURES:

Touchscreen Monitor

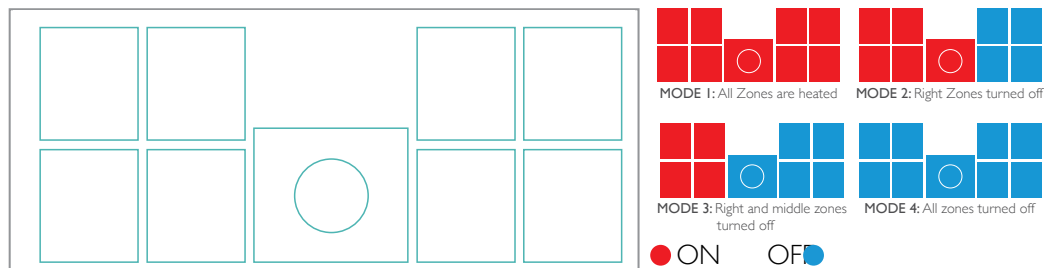
The touchscreen monitor is a fully functional Windows PC with additional features:

- Observe and record culture behavior in real time via microscope camera function.
 - Enable teleconference calls with colleagues in other sites for real time collaborative work.
- (Note: Webcam is not supplied.)

Multi-Zone Heating System with Four (4) Temperature Modes

1 set point, 10 independent zones with their own heating elements and sensors allow excellent uniformity. The heating system will automatically prioritize power distribution to ensure effective temperature control with fast recovery.

- Accuracy: $\pm 0.2\text{ }^{\circ}\text{C}$
- Uniformity: $\pm 0.2\text{ }^{\circ}\text{C}$



Humidification System

It allows digital control of pre-mixed gas which enables complete environmental control for the samples. Gas outlet port is located on the table surface and the plastic cover will enclose the humidified gas which creates small "incubator".

Heated Glass Stage

The heated glass stage has dedicated and uninterrupted power supply to further enhance the temperature control and recovery in this zone.



Microscope Integration Provision

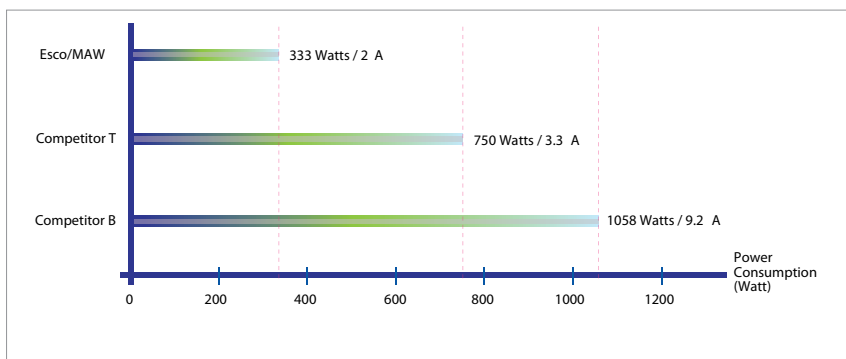
Having an integrated stereomicroscope in the work chamber makes it possible to keep the culture dishes at the right temperature while observation and manipulation is being carried out. Fewer movement will also reduce risk of accidents.



Advanced workstation specifically designed for Assisted Reproductive Technology (ART) such as gamete and embryo manipulation during IVF.

High-tech components and features are designed in Denmark and made in Esco's production facilities in Europe.

The workstation keeps true to Esco's world class expertise and quality in cleanroom technology.



Energy Efficiency Chart

Esco ART workstations utilize ECM blower, allowing low levels of cabinet power consumption without compromising cabinet performance.

It also has Night Setback mode to further reduce power consumption while the cabinet is not in use.

Air Cleanliness Standards (ISO 14644.1, Air Cleanliness Particle Limits) (No. of Particles / m ³)						
Particle Size (µm)	Cleanliness Class					
	Class 1	Class 2	Class 3	Class 4	Class 5	Class 6
0.1	10	100	1000	10000	100000	1000000
0.2	2	24	237	2370	23700	237000
0.3	1	10	102	1020	10200	102000
0.5	-	4	35	352	3520	35200
1.0	-	-	8	83	832	8320
5.0	-	-	-	3	29	293

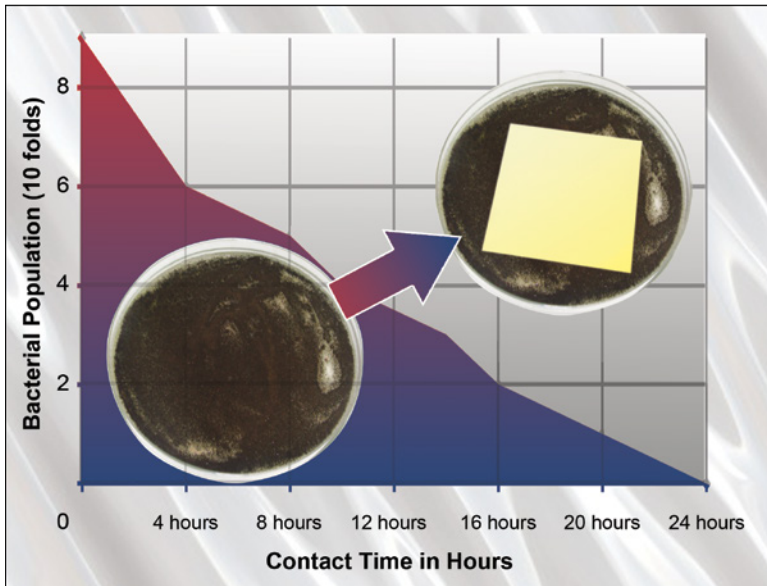
Superior Air Cleanliness

Esco cabinets provide ISO Class 3 air cleanliness within the workzone as per ISO 14644.1, significantly cleaner than the conventional Class 4 classification offered by the competition.

Fertilisafe™

Multi-zone ART Workstation

- Vertical laminar airflow providing sample protection
- Low noise energy-efficient ECM blowers
- Low vibration resulting from built-in dampers
- Provision for integration of most common microscopes
- Integrated heated glass stage
- Integrated SC-I light source with dual-sided mirror and intensity control knob
- Selection of cabinet support stands
- Selection between 4ft. (single) and 6ft. (single, dual, MP or with Miri® chambers) models



Isocide™ Powder Coat

It is silver-ion impregnated powder coat that inhibit microbial growth to improve safety.



Low Noise, Low Vibration

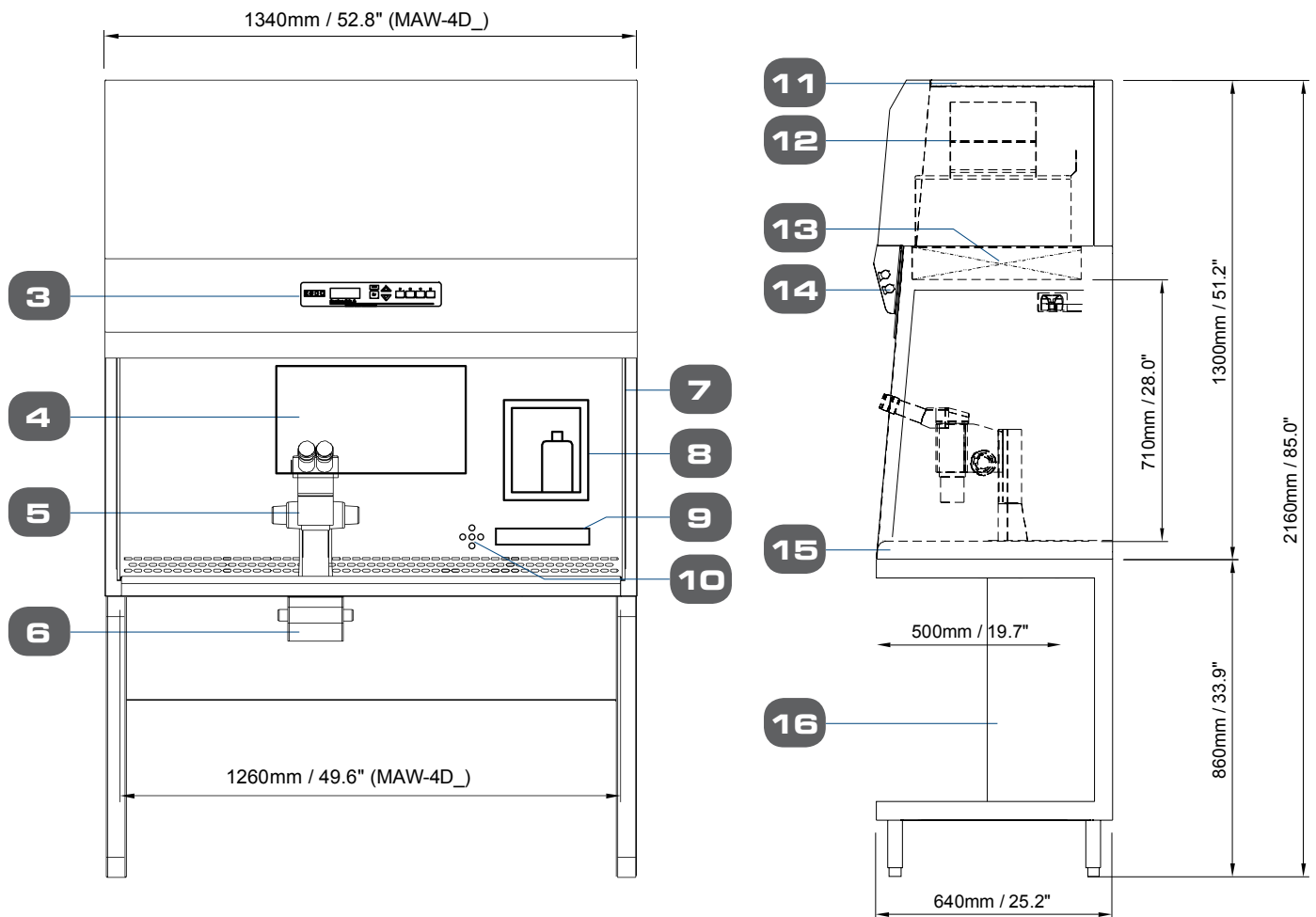
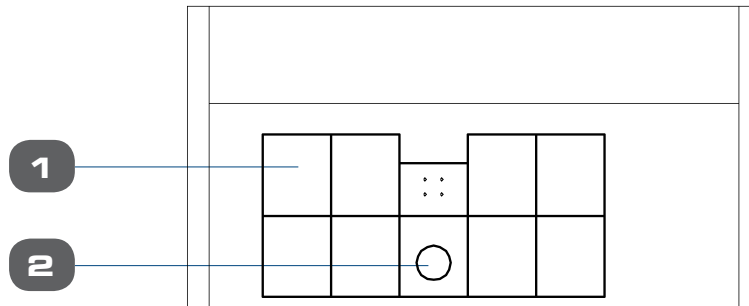
Esco Fertilisafe™ has state-of-the art design and features resulting in very low noise and vibration level that makes the workstation suitable for sensitive microscopic work.

- 2x smaller high-efficiency ECM blower create lower noise and vibration than 1 big blower fan.
- Passive dampers located along the connection of the tableplate to the cabinet frame effectively dampen vibrations.

Fertilisafe™ ART Workstation (MAW) Single Microscope

MAW-4D_

- Width: 4 Feet
- Microscope: Single
- Basic Configuration
- 1 user
- For small laboratories



1. Multi-Zone Heated Table Top (9+1 Zones)
2. Integrated Heated Glass Stage
3. Esco Sentinel™ Gold Microprocessor Control System
4. Touchscreen Monitor (AIO PC)
5. Provision for Microscope

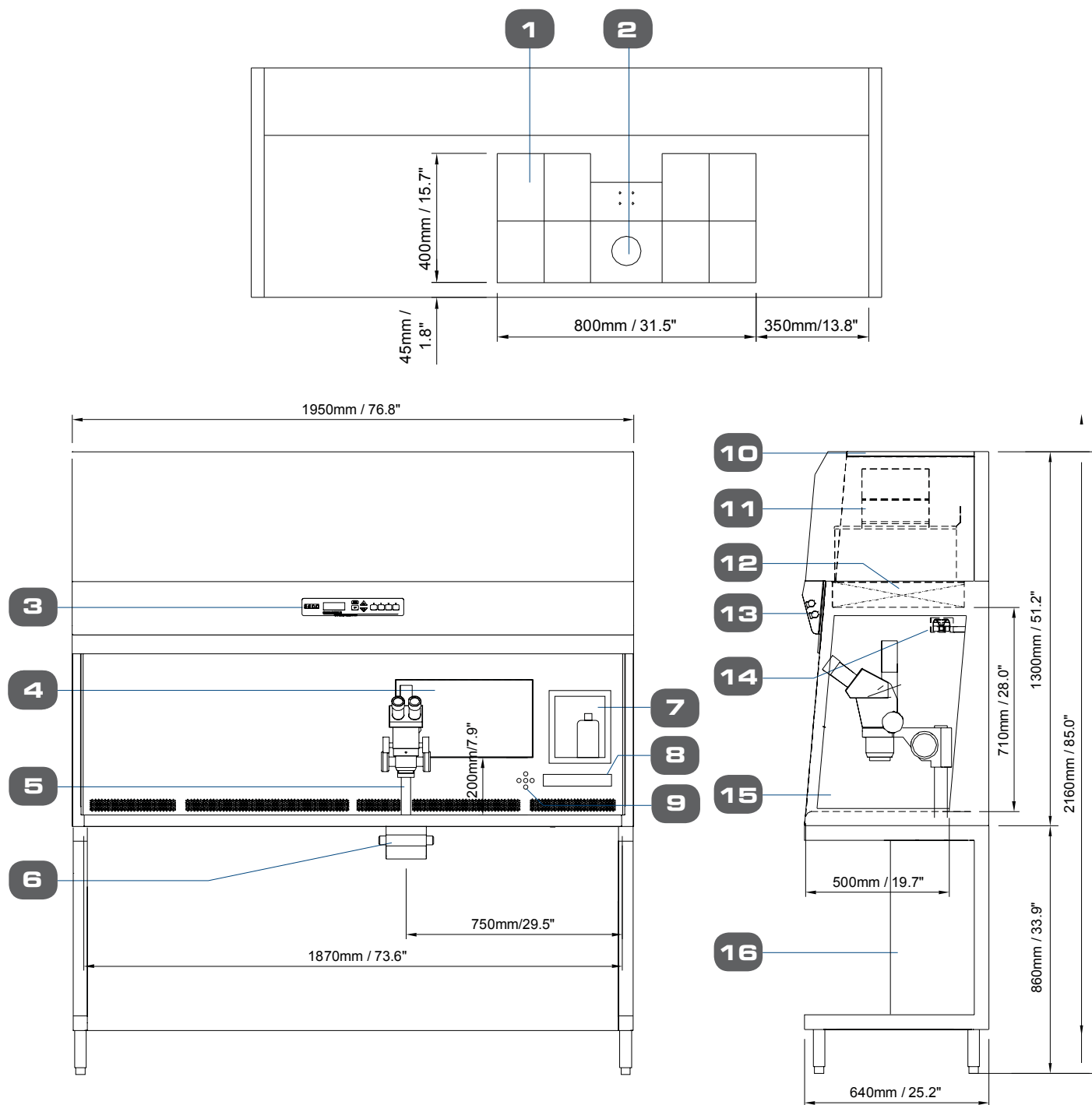
6. Integrated Light Source, SC-I
7. Side Tempered Glass
8. Humidification System with Digital Flow Control of Pre-mixed Gas
9. LED Display
10. Control Panel for Heated Table Top And Humidification System

11. Pre-Filter
12. Blower
13. ULPA Filter
14. Fluorescent Light
15. Airflow Sensor
16. Support Stand (Model: SML-4B0)

Fertilisafe™ ART Workstation (MAW) Single Microscope

MAW-6D_MONO

- Width: 6 Feet
- Microscope: Single
- Basic Configuration
- 1 user
- More space for other work



1. Multi-Zone Heated Table Top (9+1 Zones)

2. Integrated Heated Glass Stage

3. Esco Sentinel™ Gold Microprocessor Control System

4. Touchscreen Monitor (AIO PC)

5. Provision for Microscope (Microscope

not included)

6. Integrated Light Source, SC-I

7. Humidification System with Digital Flow Control of Pre-mixed Gas

8. LED Display

9. Control Panel for Heated Table Top And Humidification System

10. Pre-Filter

11. Blower

12. ULPA Filter

13. Fluorescent Light

14. Airflow Sensor

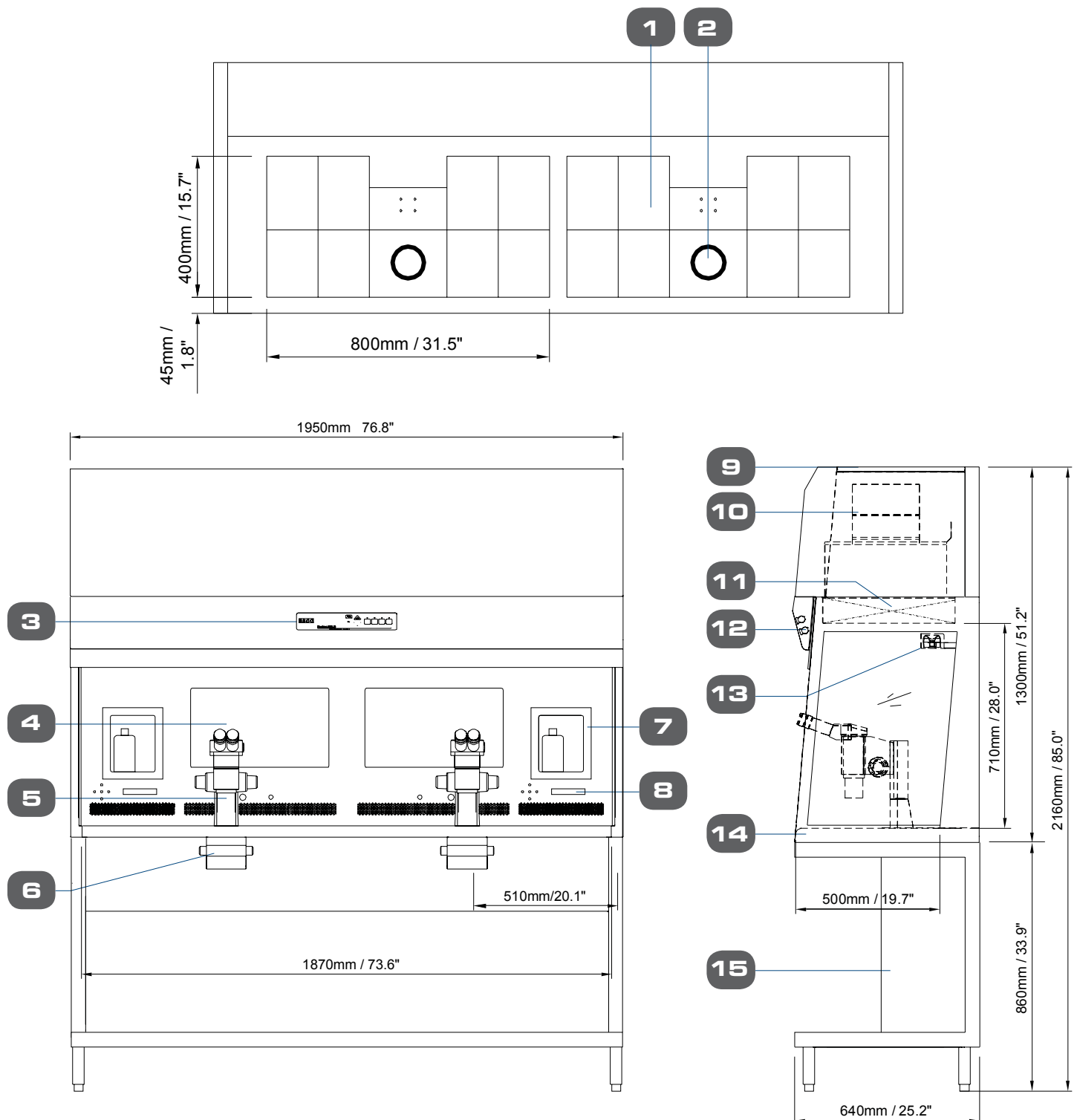
15. Side Tempered Glass

16. Support Stand (Model: SML-6B0)

Fertilisafe™ ART Workstation (MAW) Dual Microscope

MAW-6D_-DUAL

- Width: 6 Feet
- Microscope: Dual
- 2 users
- For efficient use of space



1. Multi-Zone Heated Table Top (9+1 Zones)
2. Integrated Heated Glass Stage
3. Esco Sentinel™ Gold Microprocessor Control System
4. Touchscreen Monitor (AIO PC)
5. Provision for Microscope (Microscope

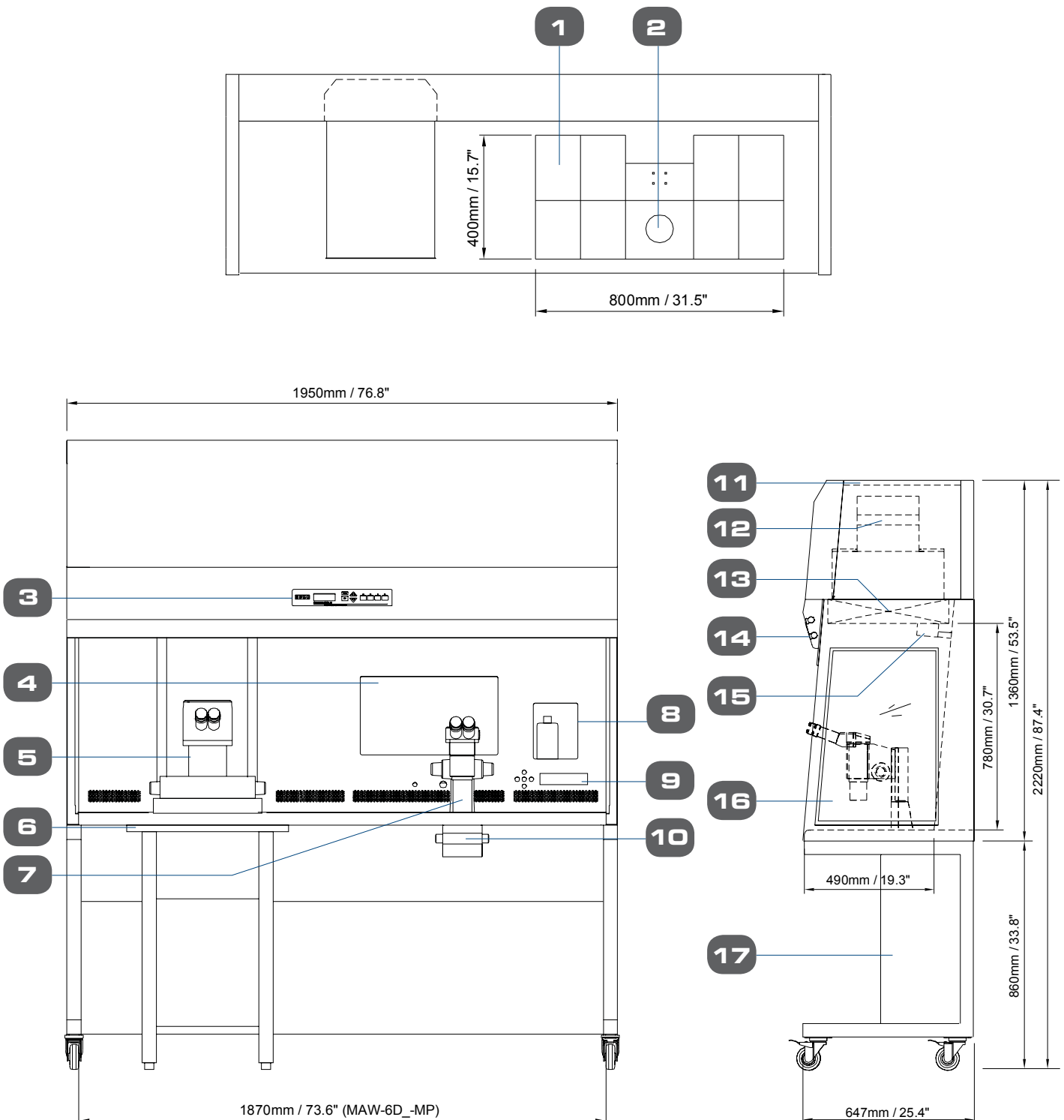
- not included)
6. Integrated Light Source, SC-I
7. Humidification System with Digital Flow Control of Pre-mixed Gas
8. Display Control Panel for Heated Table Top and Humidification System
9. Pre-Filter

10. Blower
11. ULPA Filter
12. Fluorescent Light
13. Airflow Sensor
14. Side Tempered Glass
15. Support Stand (Model: SML-6B0)

Fertilisafe™ ART Workstation (MAW) Multi-Purpose

MAW-6D_-MP

- Width: 6 Feet
- Microscope: I Stereomicroscope,
- I Inverted microscope set-up
- Multi-purpose
- Embryo inspection and micromanipulation



1. Table Top (9+1 Zones)

2. Integrated Heated Glass Stage

3. Esco Sentinel™ Gold Microprocessor Control System

4. Touchscreen Monitor (AIO PC)

5. Inverted Microscope (Not included)

6. Anti-Vibration Table (AVT)

7. Provision for Microscope (Microscope not included)

8. Humidification System with Digital Flow Control of Pre-mixed gas

9. Display Control Panel for Heated Table Top and Humidification System

10. Integrated Light Source, SC-I

11. Pre-Filter

12. Blower

13. ULPA Filter

14. Fluorescent Light

15. Airflow Sensor

16. Side Tempered Glass

17. Support Stand (Model: SPC-6B0)

General Specifications



Fertilisafe™ Multi-Zone ART Workstation (MAW)

Model		MAW-4D_	MAW-6D_-MONO	MAW-6D_-DUAL	MAW-6D_-MP
Nominal Size		1.2 meter (4')		1.8 meter (6')	
Internal Work area dimensions (width x depth x height)*		1260 × 500 × 710 mm (49.6" × 19.7" × 28.0")	1870 × 500 × 710 mm (73.6 × 19.7 × 28.0")		1870 × 490 × 780 mm (76.8" × 19.3" × 30.7")
External dimensions without support stand (width x depth x height)		1340 × 640 × 1300 mm (52.8t" × 25.2" × 51.2")	1950 × 640 × 1300 mm (76.8" × 25.2" × 51.2")		1950 × 647 × 1360 mm (76.8" × 25.4" × 53.5")
External Dimensions with “B” type support stand (width x depth x height)		1340 × 640 × 2160 mm (52.8" × 25.2" × 85.0")	1950 × 640 × 2160 mm (76.8" × 25.2" × 85.0")		1950 × 647 × 2220 mm (76.8" × 25.4" × 87.4")
Cabinet Construction	Main Body	1.2 mm (0.05") 18 gauge electro-galvanized steel with white oven-baked			
	Work Zone	1.2 mm (0.05") 18 gauge stainless steel, grade 304			
	Side Walls	Tempered Laminated Glass			
	Sash	(Optional: Polycarbonate sash for MAW with built-in UV light)			
Laminar air velocity		Average of 0.21m/s or 41 fpm (± 20%)			
Filter efficiency		>99.999% for particle size between 0.1 to 0.3 microns per IEST-RP-CC001.3 / H14 per EN 1822			
Pre-filter		Disposable and non-washable polyester fibers with 85% arrestance / EU3 rated			
Noise level (per NSF 49)**		47 dBa	52 dBa		
Set of (9+1) heating zones		1 set	1 set	2 sets	1 set
Surveillance System with data logger		1 set	1 set	2 sets	1 set
Humidification System***		1 set	1 set	2 sets	1 set
Microscope		Required Not included (see microscope ordering information)			
		Position for 1 microscope		Position for 2 microscopes	Position for 1 microscope and 1 inverted microscope
Support stand		Required, Not included (see support stand ordering information)			
Shipping dimensions (width x depth x height)		1450 × 850 × 1920 mm (57.1" × 33.5" × 75.6")	2050 × 850 × 1890 mm (80.8" × 33.5" × 74.4")		
Shipping weight		280 kg	372 kg		

*The actual MAW-6D_-MP's work area dimension will be customized to fit the inverted microscope.

** Noise reading in open field condition / anechoic chamber. Noise reading in normal room varies by room size, layout, and background noise, but may reach roughly 3-4 dBA above these values.

***1 set of humidification system includes one (1) water bottle with tubing, one (1) sample carry tray and one (1) plastic cover.

Indication for Use Statement

The Fertilisafe™ ART Workstation is a laminar flow workstation with controlled temperature and humidity working environment. The workstation is intended for work with gametes and / or embryos at / or near body temperature in a multi-zone heated set up during in vitro fertilization (IVF) / assisted reproductive technology (ART) treatments.



Caution

- Federal law restricts this device to sale by or on the order of a licensed healthcare practitioner.
- Only to be used by a trained and qualified professional. The device is sold under exemption specified in 21 CFR 801 Subpart D.

Fertilisafe™ Multi-zone Workstation

with Miri Chambers



The Fertilisafe™ is now even better with its integrated Miri® chambers to further secure your embryos while inside the workstation. The Miri® incubator is popular for its top-notch features such as stable culture environment and faster parameter recovery.



Multi-Zone Heating System

1 set point, 8 (7+1) independent zones with their own heating elements and sensors.



Miri® Chambers

Your specimens are more secured than ever with the integrated Miri chambers, known for its stable and precise temperature output.



UV Kit (Optional)

Optional UV lamp for work zone decontamination. It also comes with polycarbonate front cover for UV shield and magnetic interlock for safety mechanism when cover is removed.

Support Stand Options

More options to choose from to meet your requirements. Please see page 16.

Fit in the same Miri inserts



Nunc™



Falcon™



Vitrolife™



LifeGlobal /
GPS Dishes™



Nippon™



Sparmed - Oosafe™

Accessories



Support Stand:

- With leveling feet
- With Caster Wheels
- Motorized stand with Caster Wheels



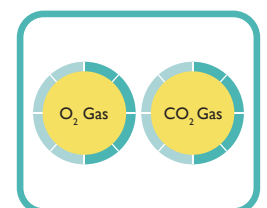
UV Kit



Carbon Filter



32 mm microscope pillar

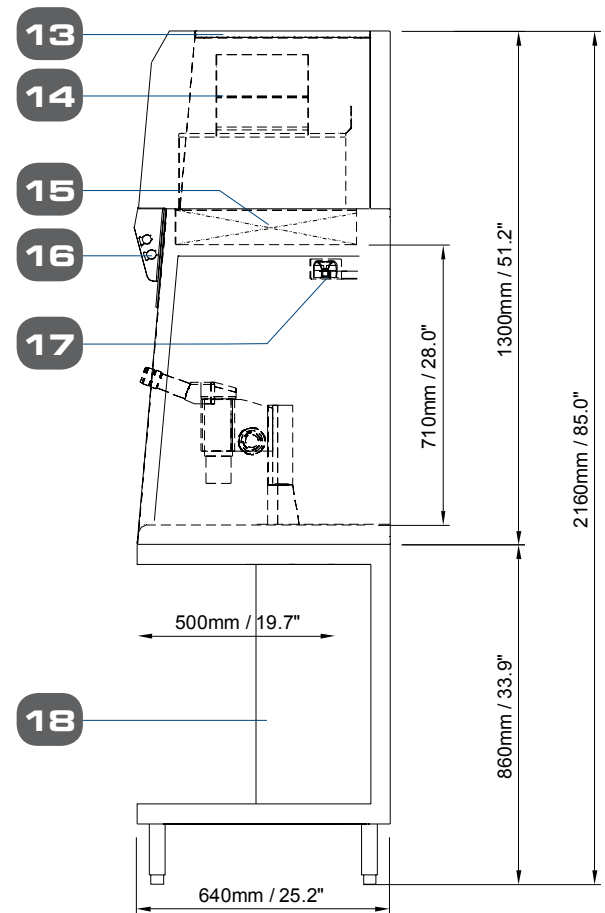
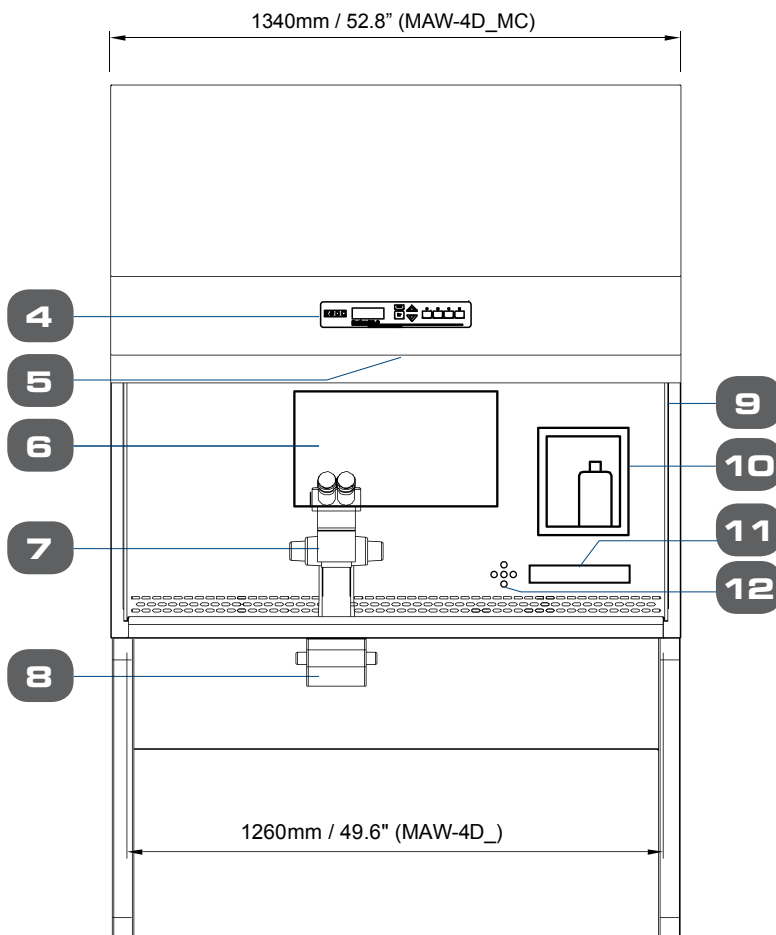
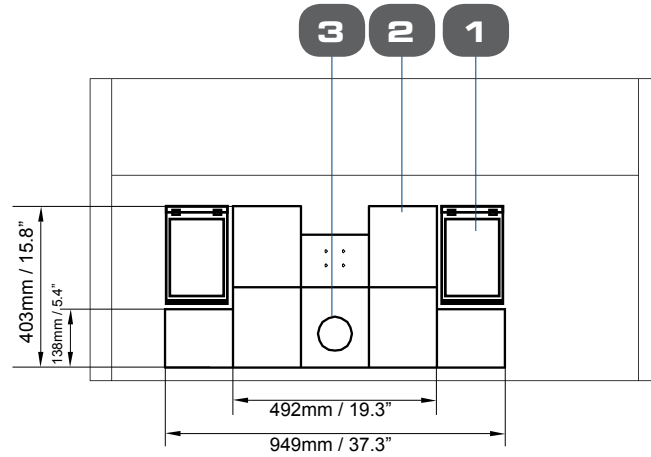


Gas Mixer for MAW

Fertilisafe™ ART Workstation (MAW) Single Microscope with Miri® Chambers

MAW-4D_MC

- Width: 4 Feet
- Microscope: Single
- Basic Configuration with 2 Miri® Chambers
- 1 user
- For small Laboratories

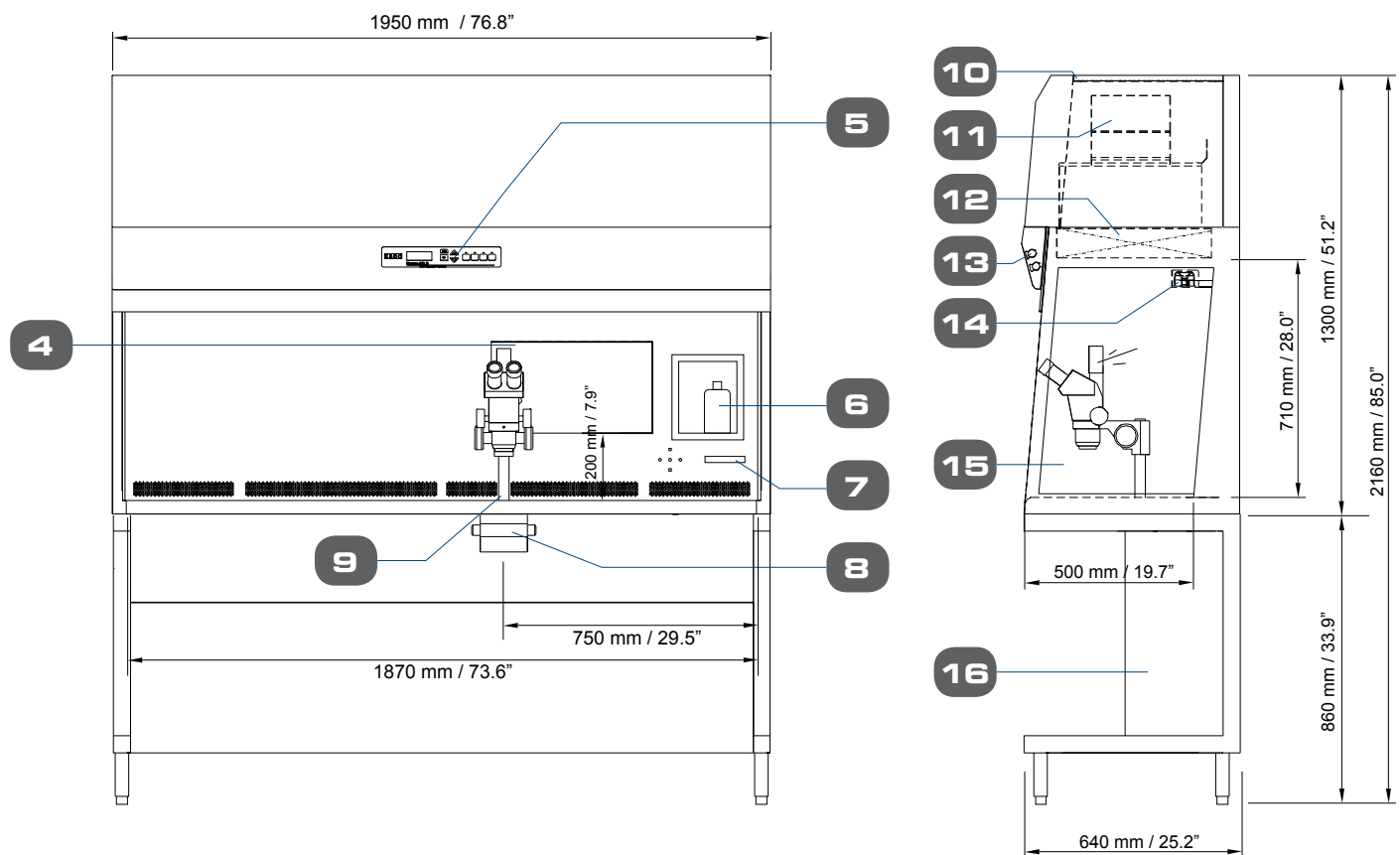
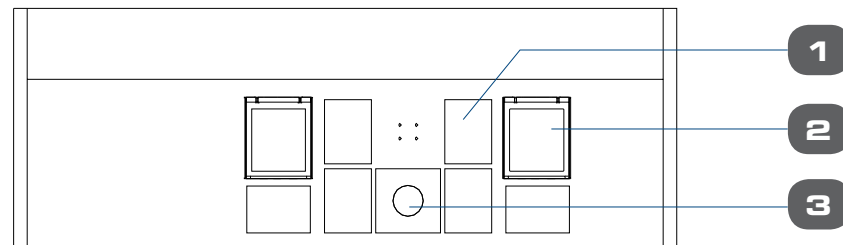


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|--|--|------------------------------------|
| 1. Multi-Zone Heated Table Top | 7. Provision for Microscope | And Humidification System |
| 2. Miri® Chamber | 8. Integrated Light Source, SC-I | 13. Pre-filter |
| 3. Integrated Heated Glass Stage | 9. Side Tempered Glass | 14. Blower |
| 4. Esco Sentinel™ Gold Microprocessor Control System | 10. Humidification System with Digital Flow Control of Pre-mixed gas | 15. ULPA Filter |
| 5. UV light (optional accessory) | 11. LED Display | 16. Fluorescent Light |
| 6. Touchscreen Monitor (AIO PC) | 12. Control Panel for Heated Table Top | 17. Airflow Sensor |
| | | 18. Support Stand (Model: SML-4B0) |

Fertilisafe™ ART Workstation (MAW) Single Microscope with Miri® Chambers

MAW-6D_MONO-MC

- Width: 6Ft
- Microscope: Single
- Basic Configuration with 2 Miri Chambers
- 1 User
- More space for other work

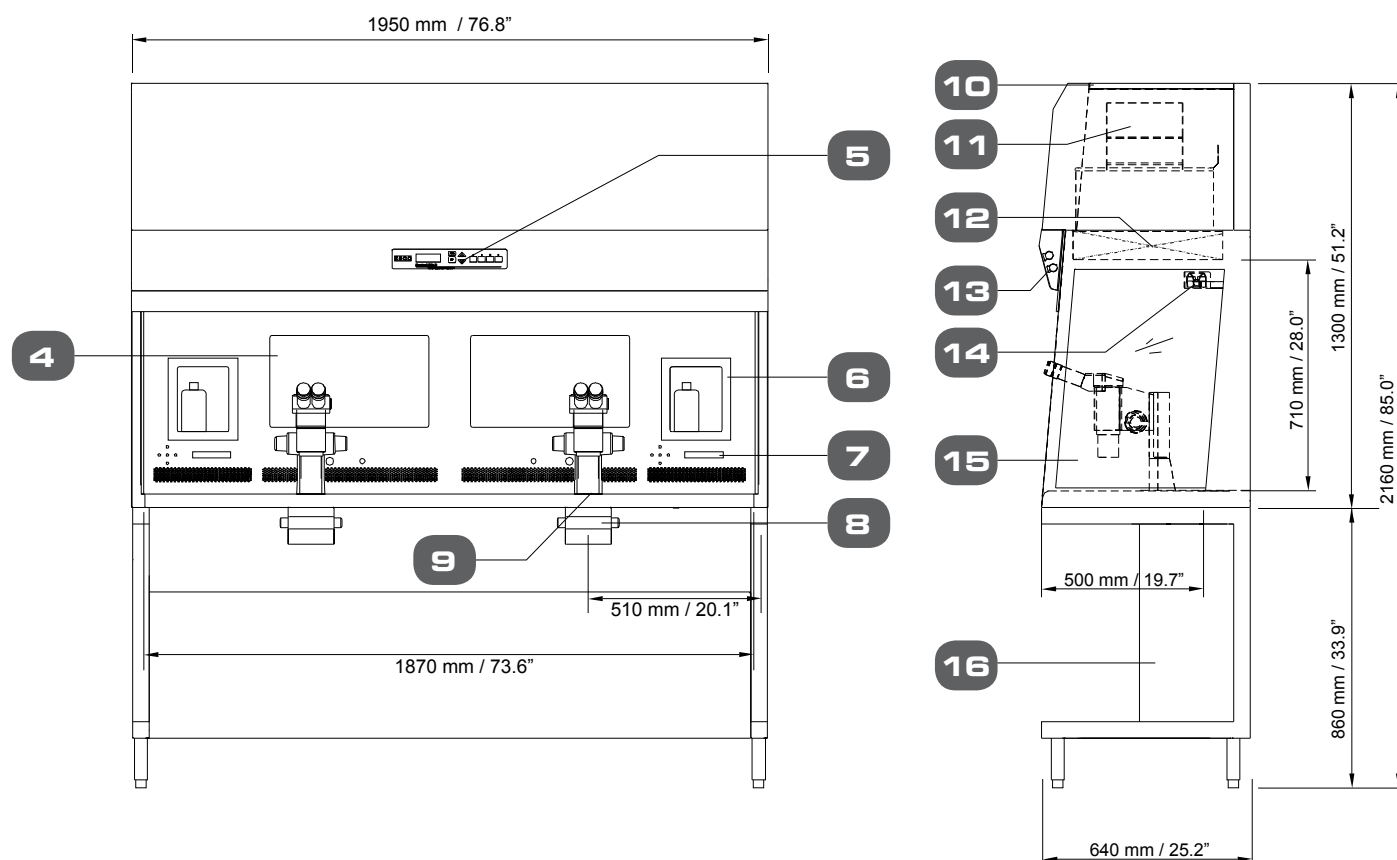
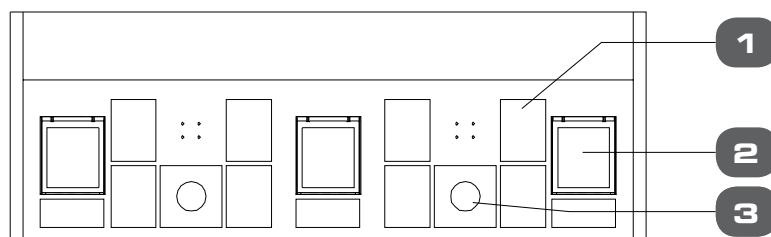


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|--|---|------------------------------------|
| 1. Multi-Zone Heated Table Top | Flow Control of Pre-mixed Gas | 11. Blower |
| 2. Miri® Chamber | 7. Display Control Panel for Heated Table | 12. ULPA Filter |
| 3. Integrated Heated Glass Stage | Top and Humidification System | 13. Fluorescent Light |
| 4. Touchscreen Monitor (AIO PC) | 8. Integrated Light Source, SC-I | 14. Airflow Sensor |
| 5. Esco Sentinel™ Gold Microprocessor Control System | 9. Provision for Microscope (Microscope not included) | 15. Side Tempered Glass |
| 6. Humidification System with Digital | 10. Pre-Filter | 16. Support Stand (Model: SML-6B0) |

Fertilisafe™ ART Workstation (MAW) Dual Microscope with Miri® Chambers

MAW-6D_-DUAL-MC

- Width: 6Ft
- Microscope: Dual
- 2 Users
- For efficient use of space



1. Multi-Zone Heated Table Top

2. Miri® Chamber

3. Integrated Heated Glass Stage

4. Touchscreen Monitor (AIO PC)

5. Esco Sentinel™ Gold Microprocessor Control System

6. Humidification System with Digital

Flow Control of Pre-mixed Gas

7. Display Control Panel for Heated Table Top and Humidification System

8. Integrated Light Source, SC-I

9. Provision for Microscope (Microscope not included)

10. Pre-Filter

11. Blower

12. ULPA Filter

13. Fluorescent Light

14. Airflow Sensor

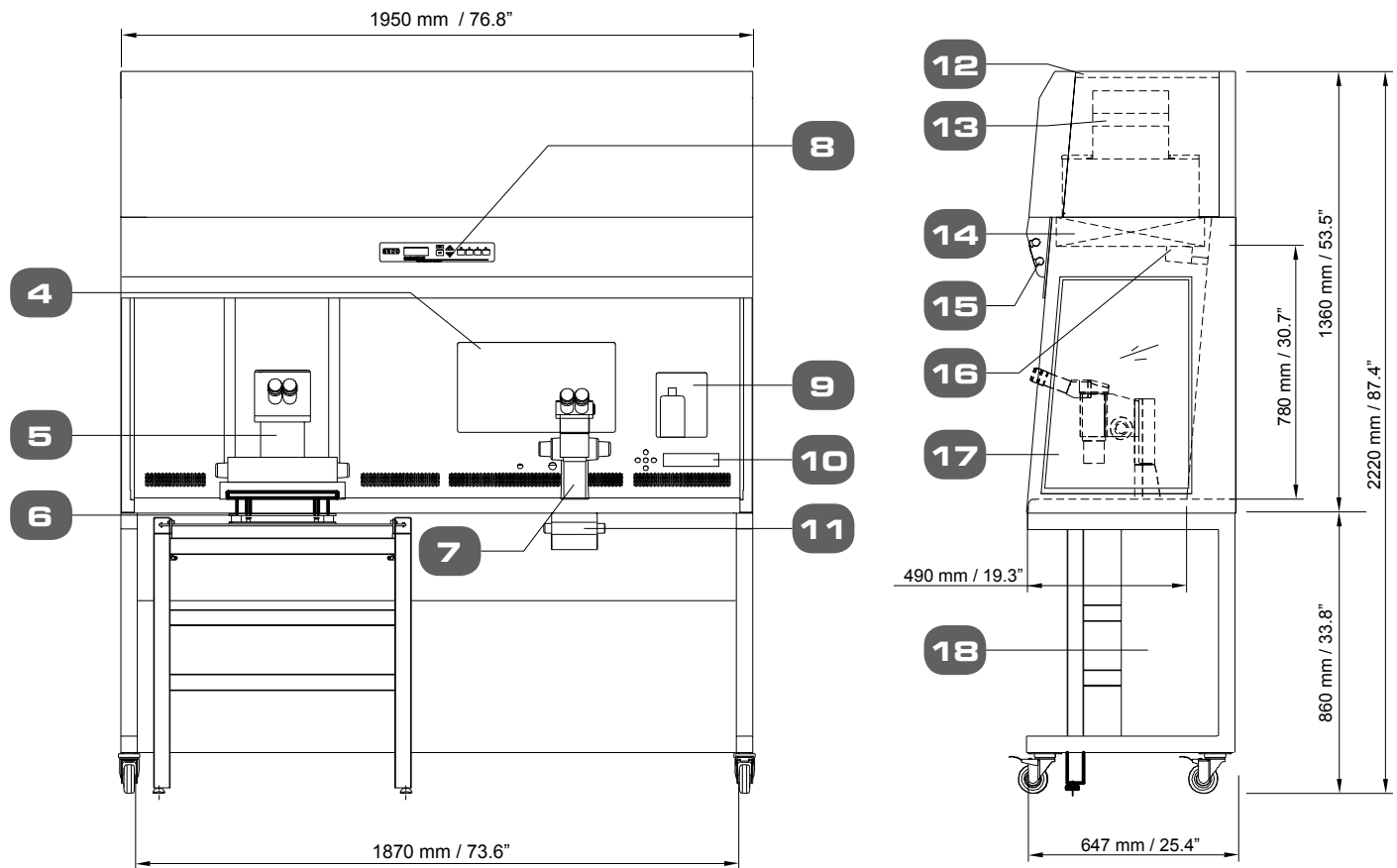
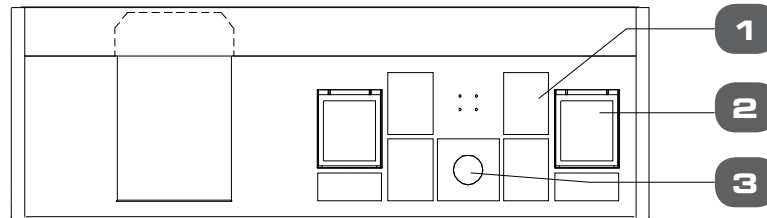
15. Side Tempered Glass

16. Support Stand (Model: SML-6B0)

Fertilisafe™ ART Workstation (MAW) MP with Miri® Chambers

MAW-6D_-MP-MC

- Width: 6 Feet
- Microscope: Single
- Multi-purpose
- Embryo inspection & micromanipulation



- | | | |
|---|--|-----------------------------|
| 1. Multi-Zone Heated Table Top | 8. Esco Sentinel™ Gold Microprocessor Control System | 13. Blower |
| 2. Miri® Chamber | 9. Humidification System with Digital Flow Control of Pre-mixed Gas | 14. ULPA Filter |
| 3. Integrated Heated Glass Stage | 10. Display Control Panel for Heated Table Top and Humidification System | 15. Fluorescent Light |
| 4. Touchscreen Monitor (AIO PC) | 11. Integrated Light Source, SC-1 | 16. Airflow Sensor |
| 5. Inverted Microscope (Not Included) | | 17. Side Tempered Glass |
| 6. Anti-Vibration Table (AVT) | | 18. Support Stand (SPC-6B0) |
| 7. Provision for Microscope (Microscope not included) | | |

General Specifications



Fertilisafe™ Multi-zone ART Workstation (MAW) with Miri® Chambers

Model		MAW-4D_-MC	MAW-6D_-MONO-MC	MAW6D_-DUAL-MC	MAW-6D_-MP-MC
Nominal Size		1.2 meter (4'')	1.8 meter (6'')	1.8 meter (6'')	1.8 meter (6'')
Internal Work Area, Dimensions (W x D x H)		1260 x 500 x 710 mm (49.6 x 19.7 x 28.0'')	1870 x 500 x 710 mm (73.6 x 19.7 x 28.0'')	1870 x 500 x 710 mm (83.6 x 19.7 x 28.0'')	1870 x 490 x 780 mm (73.6 x 19.3 x 30.7'')
External dimensions without support stand (W x D x H)		1340 x 640 x 1300 mm (52.8 x 25.2 x 51.2'')	1950 x 640 x 1300 mm (76.8 x 25.2 x 51.2'')	1950 640 x 1300 mm (76.8 x 25.2 x 51.2'')	1950 x 647 x 1360 mm (76.8 x 25.4 x 53.5'')
External Dimensions with “B” type support stand (W x D x H)		1340 x 640 x 2160 mm (52.8 x 25.2 x 85.0'')	1340 x 640 x 2160 mm (52.8 x 25.2 x 85.0'')	1950 x 640 x 2160 mm (76.8 x 25.2 x 85.0'')	1950 x 647 x 2220 mm (76.8 x 25.4 x 87.4'')
Cabinet Construction	Main Body	1.2 mm (0.05'') 18 gauge electro-galvanized steel with wjite oven-baked epoxy-polyester powder-coated finish.			
	Work Zone	1.2 mm (0.05'') 18 gauge stainless steel, grade 304			
	Side Walls	Tempered Laminated Glass			
	Sash	(Optional: Polycarbonate sash for MAW with built-in UV light)			
Laminar air velocity		Average of 0.21m/s or 41 fpm (± 20%)			
Pre-Filter		Disposable, non-washable polyester fibre, 85% arrestance, EU3 rated			
ULPA Filter efficiency		>99.999% for particle size between 0.1 to 0.3 microns per IEST-RP-CC001.3 / H14 per EN 1822			
Set of (7+1) heating zones		1	1	2	1
Number of Miri Chambers		2	2	3	2
Included accessories		1 x water bottle for HS-1, including tubing 1 x sample carry tray	1 x water bottle for HS-1, including tubing 1 x sample carry tray	2 x water bottle for HS-1, including tubing 2 x sample carry tray	1 x water bottle for HS-1, including tubing 1 x sample carry tray
Microscope		Required, Not included (see microscope ordering information)			
		Position for 1 microscope	Position for 1 microscope	Position for 2 microscopes	Position for 1 microscope and 1 inverted microscope
Support stand		Required, Not included (see support stand ordering information)			

* 1 set of humidification system includes one (1) water bottle with tubing and one (1) sample carry tray.

Accessories

ITEM CODE	MODEL CODE	DESCRIPTION
5130179	SMC-4A0	Support Stand with Caster Wheels (Height 28'') for 4ft Cabinets
5130180	SMC-6A0	Support Stand with Caster Wheels (Height 28'') for 6ft Cabinets
5130181	SML-4A0	Support Stand with Leveling Feet (Height 28'') for 4ft Cabinets
5130182	SML-6A0	Support Stand with Leveling Feet (Height 28'') for 6ft Cabinets
5130183	SMC-4B0	Support Stand with Caster Wheels (Height 34'') for 4ft Cabinets
5130184	SMC-6B0	Support Stand with Caster Wheels (Height 34'') for 6ft Cabinets
5130185	SML-4B0	Support Stand with Leveling Feet (Height 34'') for 4ft Cabinets
5130186	SML-6B0	Support Stand with Leveling Feet (Height 34'') for 6ft Cabinets
5131255	SMC-4A8-M	Motorized Support Stand for 4ft Cabinet, Caster Wheels, Adjustable Height: 753mm to 1053mm, 230VAC 50/60Hz
5131266	SMC-4A9-M	Motorized Support Stand for 4ft Cabinet, Caster Wheels, Adjustable Height: 753mm to 1053mm, 110VAC 50/60Hz
5131264	SMC-6A8-M	Motorized Support Stand for 6ft Cabinet, Caster Wheels, Adjustable Height: 753mm to 1053mm, 230VAC 50/60Hz
5131267	SMC-6A9-M	Motorized Support Stand for 6ft Cabinet, Caster Wheels, Adjustable Height: 753mm to 1053mm, 110VAC 50/60Hz
1320075	MAW-WBI	Tube Warming Block
1320071	MAW-MSI	Stereomicroscope, Total magnification: 6.7X - 45X
5080185	MAW-CF	Carbon Filter (568 x 440 x 30 mm), Factory-Installed. Please order 2 units for 4 feet MAW and 3 units for 6 feet MAW
5080186	MAW-CF-F	Carbon Filter (568 x 440 x 30 mm), Field-Installed. Please order 2 units for 4 feet MAW and 3 units for 6 feet MAW
5170798	FC-MAW4-8	UV+Front Cover with magnetic interlock and bracket, MAW-4FT, 230V 50/60 Hz
5170799	FC-MAW6-8	UV+Front Cover with magnetic interlock and bracket, MAW-6FT, 230V 50/60 Hz
5170853	FC-MAW4-9	UV+Front Cover with magnetic interlock and bracket, MAW-4FT, 115V 50/60 Hz
5170854	FC-MAW6-9	UV+Front Cover with magnetic interlock and bracket, MAW-6FT, 115V 50/60 Hz
5170708	TBA	32 mm microscope pillar for MAW 4 feet and 6 feet models
5170882	TBA	Gas Mixer for MAW (CO ₂ / O ₂ Gas mixing control in MAW). One (1) mixer needed for each MAW

Ordering Information



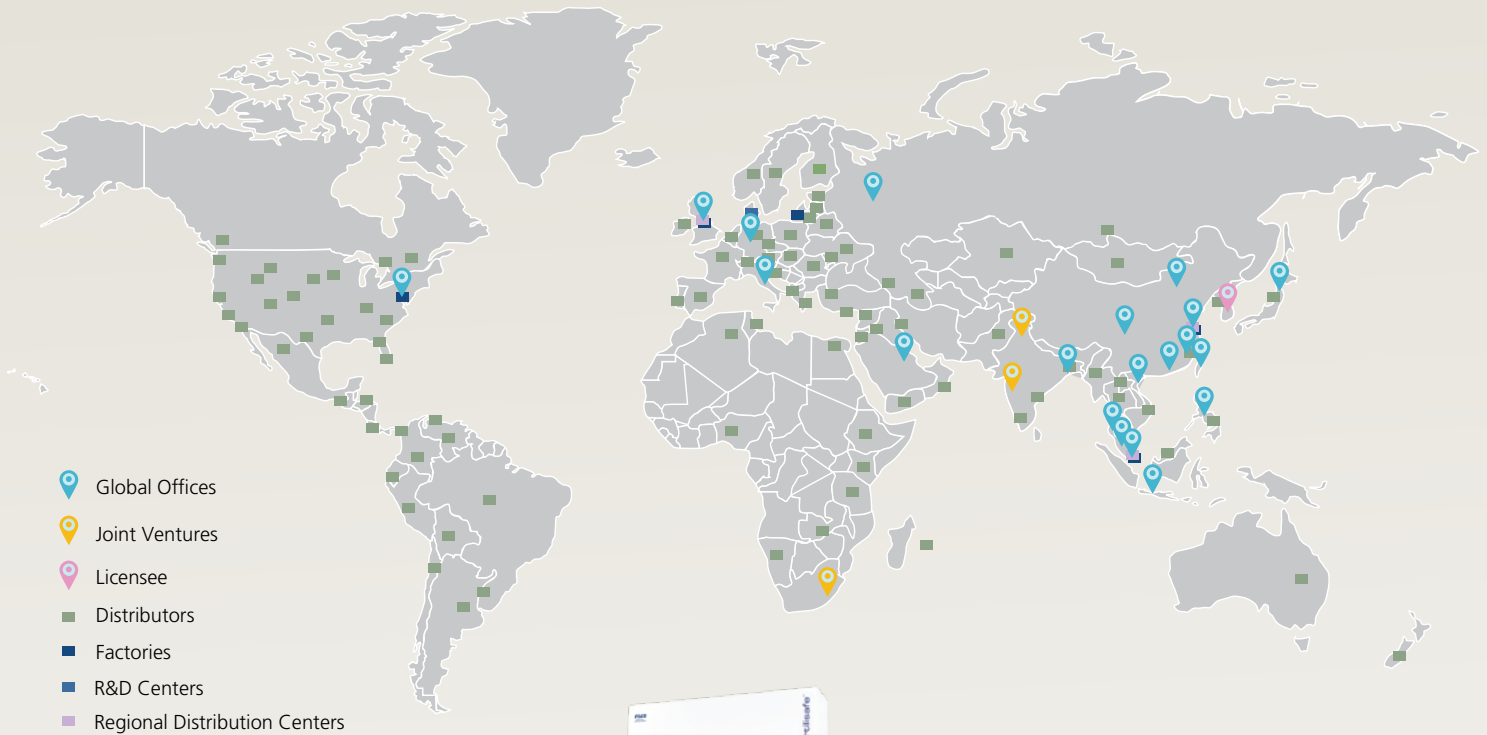
MODEL CODE	ITEM CODE	DESCRIPTION
Fertilisafe™ ART Workstation Basic Configuration and Multi-Purpose		
MAW-4D8	2070017	Esco Fertilisafe™ Multi-Zone ART Workstation, 4ft (1.2m), 230V 50/60Hz
MAW-4D9	2070025	Esco Fertilisafe™ Multi-Zone ART Workstation, 4ft (1.2m), 110V 50/60Hz
MAW-6D8-MONO	2070018	Esco Fertilisafe™ Multi-Zone ART Workstation, 6ft (1.8m), 220V 50/60Hz
MAW-6D9-MONO	2070026	Esco Fertilisafe™ Multi-Zone ART Workstation, 6ft (1.8m), 110V 50/60Hz
MAW-6D8-DUAL	2070050	Esco Fertilisafe™ Multi-Zone ART Workstation, Double Heated Zone, 6ft (1.8m), 220V 50/60Hz
MAW-6D9-DUAL	2070039	Esco Fertilisafe™ Multi-Zone ART Workstation, Double Heated Zone, 6ft (1.8m), 110V 50/60Hz
MAW-6D8-MP	2070036	Esco Fertilisafe™ Multi-Zone ART Workstation, Multi-Purpose, 6ft (1.8m), 220V 50/60Hz
MAW-6D9-MP	2070038	Esco Fertilisafe™ Multi-Zone ART Workstation, Multi-Purpose, 6ft (1.8m), 110V 50/60Hz
Fertilisafe™ ART Workstation with Miri® Chambers		
MAW-4D8-MC	2070068	Esco Fertilisafe™ Multi-Zone ART Workstation, Miri® Chambers, 4ft (1.2m), 230V 50/60Hz
MAW-4D9-MC	2070070	Esco Fertilisafe™ Multi-Zone ART Workstation, Miri® Chambers, 4ft (1.2m), 110V 50/60Hz
MAW-6D8-MONO-MC	2070069	Esco Fertilisafe™ Multi-Zone ART Workstation, Miri® Chambers, 6ft (1.8m), 220V 50/60Hz
MAW-6D9-MONO-MC	2070071	Esco Fertilisafe™ Multi-Zone ART Workstation, Miri® Chambers, 6ft (1.8m), 110V 50/60Hz
MAW-6D8-DUAL-MC	2070075	Esco Fertilisafe™ Multi-Zone ART Workstation, Double Heated Zone, Miri® Chambers, 6ft (1.8m), 220V 50/60Hz
MAW-6D9-DUAL-MC	2070074	Esco Fertilisafe™ Multi-Zone ART Workstation, Double Heated Zone, Miri® Chambers, 6ft (1.8m), 110V 50/60Hz
MAW-6D8-MP-MC	2070072	Esco Fertilisafe™ Multi-Zone ART Workstation, Multi-Purpose, Miri® Chambers, 6ft (1.8m), 220V 50/60Hz
MAW-6D9-MP-MC	2070073	Esco Fertilisafe™ Multi-Zone ART Workstation, Multi-Purpose, Miri® Chambers, 6ft (1.8m), 110V 50/60Hz

Recommended List of Microscopes and the Base Stand Types

INVERTED MICROSCOPE FOR MP SERIES WORKSTATION ONLY
Olympus IX83PIZF: One-Deck
Olympus IX73PIF: One-Deck (Customization on workstation needed)
Olympus IX73P2F: Two-Decks
Olympus IX53PIF: One-Deck (Customization on workstation needed)
Nikon Ti-U
Nikon Ti-S
Nikon Ti-E
Zeiss Axio Vert.A1
Zeiss Axio Vert.A1 FL
Zeiss Axio vert.A1 FL-LED

STEREOMICROSCOPE PROVISIONS	
MICROSCOPE TYPES	BASE STAND
Esco Stereomicroscope MS-I	Standard
Nikon SMZ series	C-PS / C-PS160 / C-DSS
Olympus SZX series	SZX-ST / SZX2-ST/SZ2-ST
Carl Zeiss	Stand N / V8 with T-pillar
Leica	S8AP0

GLOBAL NETWORK



Esco Medical Products:

Anti-Vibration Table (AVT)
 CelCulture CO₂ Incubator
 Culture and Fertilization Dishes
 Fertilisafe® IVF Workstation
 Miri® Benchtop Multi-room Incubators
 Mini Miri® Humidified Benchtop Incubator
 Miri® TL6 Time Lapse Embryo Incubator
 Miri® TL12 Time Lapse Embryo Incubator
 Miri® GA (Gas and Temperature Validation Unit)
 Miri® GA Mini (Gas Analyzer)
 Semi Closed Environment (IVF/ICSI)

Infertility is viewed as a problem that has social, psychological, and economic impact on the afflicted individuals and couples. It is a global concern that knows no race or creed. It has been estimated that 1 in 6 couples struggle with infertility at least once in their lifetime.

Esco Medical is one of the divisions of the Esco Group of Companies, apart from Life Sciences and Healthcare. Esco is now providing innovative technological solutions for fertility clinics and laboratories. Esco Medical is positioned to become a leading manufacturer and innovator of high-quality equipment such as long-term embryo incubators, ART workstations, anti vibration table, time- lapse incubator and etc.

Esco Medical products are designed with the Silent Embryo Hypothesis as a guiding principle. The Silent Embryo Hypothesis states that the less disturbed an embryo can remain, the better its developmental potential will be. Most of our products are designed in Denmark and made in the EU. The primary focus of this division is to increase pregnancy success rates and patient satisfaction.



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