

MICROSCOPE INTEGRATED WORKSTATION, JAPANESE PATENT REGISTERED



Stereoscope Workstation (AT Series)



Inverted Microscope Workstation (AIM Series)

➤ **Flat Work Area with 3-Embedded Warmers**

A plate warmer and right- and- left- side warmers are embedded into stage area, as are all electric cables. The flat work area is conducive to smooth, high throughput sample processing. The temperatures of plate and side warmers are independently controlled from the front panel.



➤ **Versatile airflow and light controls**

Two top-mounted lamps supply illumination to the cabinet: 4 x 20 watt fluorescent, and an adjustable incandescent lamp for work requiring low light levels. The stereoscope's transmitted and reflective illumination are controlled by side dials beside the microscope body.



➤ **The ultimate aseptic workstation! (AIMT series)**

Inverted microscope & Stereoscope, anti-vibration system, and micromanipulator are fully integrated into our clean bench to create the ultimate aseptic workstation for microinjection, electrophoretic fusion or transfection and other techniques.



➤ **High level clean environment**

HEPA filters, with a 99.99% dust removal efficiency, maintain an aseptic work area. An air curtain at the edges of the entrance prevents the inflow of outside air.

➤ **Color monitor for real time viewing and recording**

A color monitor embedded in the rear wall displays the live stereoscope image for convenient discussion and demonstrations. An optional VCR is also available for archiving results.



Cell Science Research Laboratory



OPTION



- **Incubation chamber**
Chamber, placed over one of the built-in heaters, holds environmental temperature steady and has inlets for gas mixtures, making it suitable for maintaining cell cultures while in the BioStation.

SPECIFICATIONS

Model	AT-100	AIM-100	AT-130	AIM-130	AT-160	AIM-160
Exterior (mm)	W1,000 x D750 x H1,920		W1,300 x D750 x H1,920		W1,600 x D750 x H1,920	
Work Zone (mm)	W950 x D610 x H750		W1,250 x D610 x H750		W1,550 x D610 x H750	
Fluorescent Light	20W x 4				20W x 6	
Down Light	15W x 2 (adjustable up to 30%)					
Airflow Velocity	Adjustable within the range of 0~0.4m/sec					
HEPA Filter	Efficiency: 99.99% (0.3µm particle)					
Vibration Isolation System	Special diaphragm air spring isolation with orifice air damping. Automatic leveller keeps the surface table level automatically.					
Display	17-inch Color LCD					
Warmer Temp	(Ambient +5°C) to 50°					
Weight	220kg		280kg		320kg	

Model	AT-180	AIM-180	AIMT-180	AT-200	AIM-200	AIMT-200
Exterior	W1,800 x D750 x H1,920			W2,000 x D750 x H1,920		
Work Zone (mm)	W1,750 x D610 x H750			W1,950 x D610 x H750		
Fluorescent Light	20W x 7			20W x 8		
Down Light	15W x 2 (adjustable up to 30%)					
Airflow Velocity	Adjustable within the range of 0~0.4m/sec					
HEPA Filter	Efficiency: 99.99% (0.3µm particle)					
Vibration Isolation System	Special diaphragm air spring isolation with orifice air damping. Automatic leveller keeps the surface table level automatically.					
Display	17-inch Color LCD					
Warmer Temp	(Ambient +5°C) to 50°					
Weight	355kg			385kg		



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