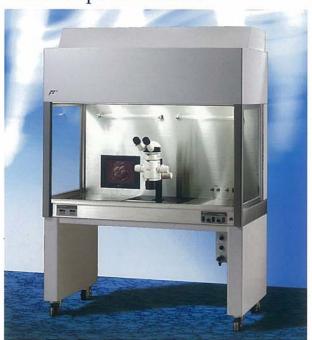


# Integrated BioStation

# Stereoscope workstation



#### 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.

TEMP. CONTROL STAGE WARNER	PLAYE WARMER
37	37

# Versatile airflow and light controls

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



### Inverted microscope workstation



# 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 realtime 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.



# The ultimate aseptic workstation! (AIM series)

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

# **VOPTION**



#### 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.

IC-01

# **VSPECIFICATIONS**

#### Dimensions (mm)

AT100, AIM100: W1000×D750×H1900 AT130, AIM130: W1300×D750×H1900 AT160, AIM160: W1600×D750×H1900

#### Work area (mm)

AT100, AIM100: W940×D600×H650 AT130, AIM130: W1240×D600×H650 AT160, AIM160: W1540×D600×H650

#### Illumination

Fluorescent lamp

AT100, AIM100: 4×20watt AT130, AIM130: 4×20watt AT160, AIM160: 6×20watt

Incandescent lamp

2×15W (adjustable intensity)

#### HEPA filter

Efficiency: 99.99% Pore Size: 0.3  $\mu$ m

#### Monitor

13' Color LCD

#### Warmer Temperature

(Ambient + 5°C) to +50°C

#### Air Circulation

Vertical Laminar Flow 0.4m/sec flowrate

#### Electricity

AC100-120V 50/60Hz

#### Vibration Isolation System

Special Diaphragm Air spring isolation with Orifice Air Damping. Automatic Leveler keeps the surface table level automatically.

#### Weight

AT100:200kg AIM100:220kg AT130:260kg AIM130:280kg AT160:300kg AIM160:320kg



URL http://www.astec-bio.com