



## Thoughtful Design

The EC9 is designed with the user in mind. Conveniently located gas sampling ports in the front for quick and easy access.

Quick & Expedient way to safely mark each chamber with writable pads placed on the top of each lid.

An Ideal Post-PGS Lab. partner with its unique individual 9-chambers.

# EC9



Smaller, Safer and Distinct

Makes it Just right



## Safety All the Way

Independent temperature controls for each chamber with high and low limit alarms increase safety and reliability of the EC9

EC9 comes by default with the all important Alarm Systems, unique Air-flow Sensors, Safety Latches to prevent chamber leaks, and a Circuit Protector.



### Specifications

Temp. range:	36 ~ 39C
Temp. accuracy:	+/- 0.1C at 26C
Temp. uniformity:	+/- 0.1C at 26C
CO2 accuracy:	+/- 0.1%
CO2 control range:	0.0 ~ 20.0%
Weight:	30 kg
Ex. Dimensions:	530 x 580 x 170 mm
Classifications:	EN61010-2010 IEC61326-2013 IEC61000-3-2:2014 IEC61000-3-3:2013



[ Please contact us below ]  
Email : [info@astec-bio.com](mailto:info@astec-bio.com) TEL : +81-92-935-5666  
Or your local ASTEC distributor  
[www.astec-bio.com/global](http://www.astec-bio.com/global)

# Japanese Precision

At ASTEC, we are obsessed with Precision. With the Digital PID Temperature Controls to the accuracy of  $\pm 0.1^{\circ}\text{C}$ , Advanced Gas-Control Algorithms and High-Precision, Long-Life Zirconia Dioxide Ceramic  $\text{O}_2$  and IR  $\text{CO}_2$  Sensors, EC9 offers industry-leading Optimal Environment Management around your precious cells



You are in control of the Precise Levels of  $\text{CO}_2$  and  $\text{O}_2$  Gas-Mix by the use of Pure Gases at source for Cell Culture

## Optimal Culture Environment

Pre-heated Gas reaches the Culture Chamber thus minimizing Cell-Environment disturbances.

EC-9 is equipped with newly designed aluminum block chambers for even more stable temperature control

Ambient Humidity combined with Oil overlay Working Principle minimizes Contamination risks

## When Small is Big

Each Chamber is only 100 cm<sup>3</sup> in volume thereby leading to ultra-fast recovery of environment parameters after opening and closing



9-independent Culture Chambers with dual-heat (top and bottom) surfaces

Opening of one chamber has no direct stress to the other unopened chambers



- Tri-gas ( $\text{CO}_2$ ,  $\text{O}_2$  and ambient air) System
- 9 separated chambers for individual culture
- Fast temperature and gas recovery
- Specially designed FRP body