

Bench Top Incubator

# EZ Culture EC-6S



### Peekaboo Window:

This outstanding feature provides the users to take a peek in the chambers before actually open the main lids to reach inside.



### Lid heaters:

This newly added lid heaters promise the temperature in the chambers even more stable. Works great with the pre-heated gas mixture for better uniformed temperature control.



- ★ Heated lid and bottom in every chamber
- ★ Peekaboo Windows for no disturbance
- ★ Tri-gas (CO<sub>2</sub>, O<sub>2</sub> and ambient air) system
- ★ 6 separated and independent chambers
- ★ Fast temperature and gas recovery
- ★ Pre-heated gas mixture in built-in gas tank
- ★ Long life CO<sub>2</sub> and O<sub>2</sub> sensors
- ★ Analog output and BMS (contact relay) standard



### Safety features built-in:

Analog output and BMS (contact relay) are built-in as standard features. This all work in connections with the standard alarm systems



### Slide latch:

Latches to prevent gas leak. Ergonomically designed slide latch locking down the lid completely seals the chamber to protect the culture environment.



### Gas sampling:

Sampling ports are conveniently located in front of the unit. This allows the operators to easily access to the ports for daily QC of the unit.



### Protected Incubation:

Temperature in each chamber is independently controlled from the top and the bottom. It also allows to access to dishes in desired chambers without disturbing the adjacent chambers.



### Alarm system:

Not only CO<sub>2</sub>, O<sub>2</sub> and temperature alarms are standard, but EC-6S is equipped with air-flow sensors for all the six chambers. It monitors the gas mixture flows without gas leak or breach.



### Base stand:

Using this standard base stand allows the EC-6S to be safely and comfortably stacked together saving a lot of space in the lab. Base stands are also available in different height and size for specific needs.

### Specifications: EC-6S

External dimensions	517.5 x 608 x 171 mm
Number of chambers	6 Chambers
Size of chamber	108 x 180 x 18.5 mm
Temperature range	Ambient +5°C to 40 °C
Operational environment	20 ~ 30 °C
Temp. accuracy	±0.1 °C at 26°C ambient
Temp. uniformity	±0.1 °C at 26°C ambient
CO <sub>2</sub> fluctuation range	±0.3 %
CO <sub>2</sub> control range	0.0 ~20.0 %
O <sub>2</sub> fluctuation range	±0.5 %
O <sub>2</sub> control range	1.0 ~ 18.0 %
Power	115V/1.5A 230V/0.8A 50/60 Hz
Weight	26 kg
Classifications	EN61010-1:2010 IEC61326-1:2013 IEC61000-3-2:2014 IEC61000-3-3:2013