CO$_2$/O$_2$ Incubator
AVS Series

aczel

Two Stage Regulator

Co$_2$ Analyzer

Internal HEPA Filter

Main Feature

- Setting on LCD, Display on LED
- Dual beam Infra-Red Sensor
- Round corner shelves system
- Air jacketed type
- Various applications
- Available Double stack up for saving space
- Safety Device for Gas monitor, Over Heat, Water Level
- Built in HEPA filter Unit (Option)
- Gas seal screen (Option)
- CE, KGMP, ISO 9001 Certificate

Optional Accessories

V2500RCO -------- Two stage Regulator

V2500ACO -------- CO$_2$ Analyzer

V2500AO --------- O$_2$ Analyzer

V2500HCO -------- Internal HEPA Filter

VCO2UV-C ------- Inner UVGL for Sterilization

VCO2MT-PC ------ Gas & Temp. Monitoring system PC based data logger.

Laboratory CO2 Incubators deliver a higher level of performance for a dependable and reliable controlled in-vitro environment for optimum tissue cell culture growth. The chamber also provides an environment for the storage and preservation of gametes and animal tissue cell cultures at near body temperature. Advanced gas control systems create precise environmental conditions for your protocols requiring hypoxic conditions.

Model	AVS-2050CW/COW	AVS-2180CW/COW
Capacity	50 Ltr.	180 Ltr.
Shelves	2EA, Adjustable Type	3EA, Adjustable Type
Power	220V, 1.2A 50/60Hz	220V. 3A, 50/60Hz
Display	5.6inch all Color Touch Screen	
O$_2$ Rnage	0.1 to 20.9%, ±0.1% at 5%	
O$_2$ Sensor	2FO Oxygen Citicel	
Temp. Control	Digital PID Controller	
Temp. Range	Ambient +5°C to 50°C (+/- 0.1° at 37°C)	
CO$_2$ Range (%)	0% to 20% (+/- 0.1 at 5%)	
CO$_2$ Sensor	Carbon Dioxide (Co$_2$) Sensor Module	
Sterilization	Up to 127°C (Option)	
Material (in)	Stainless Steel	
Material (Out)	Steel Plate with Powder Coating	
Heating Type	Direct Heating System (Silicone Heater)	
Door	Double Silicone Magnetic Packing Door	
Inner Door	Safety Glass Door with U-Groove Packing	
Safety Device	Over Temperature Protector Door Detector	
Utility	thermal Printer, Sample Port/Access Hole, USB Backup Port	
Humidity Range	Up to 80% at 37°C (Built-in Humidity Sensor)	
Dimension (in)	355 x 370 x 385 mm	530 x 493 x 710 mm
Dimension (out)	440 x 490 x 570 mm	600 x 590 x 925 mm
Weight	40 kg	80 kg

Specification are subject to change without prior notice.
Images shown are for illustrations purpose only.