

Advantage-Lab CO₂ incubators: Main similarities and differences

“Innovative CO₂ incubators to ensure your safe cultures.”

SIMILARITIES:

Advantage-Lab CO₂ Incubators consist of a clever **6 sided direct heating system** with high performance insulation ensuring the highest standards in temperature control and stability. The independent outer door heater ensures that the inner glass door remains condensate free.

All Advantage-Lab CO₂ incubators are fitted with a **premium quality state of the art drift free infra-red CO₂ sensor**. This ensures accurate CO₂ measurement at all instances in time and total peace of mind that your samples are culturing at the correct % CO₂ level all the time.

The Advantage-Lab CO₂ incubators have a fully sealed, electro-polished, one-piece, deep drawn chamber. The outer cabinet is manufactured from stainless steel, and has an anti-bacterial powder coat paint finish. This gives the CO₂ incubator exceptional corrosion and contamination resistance. An inner glass viewing door closes positively onto an inert (no VOC's) gasket and allows a clear view of the chamber contents without disturbing the internal atmosphere. The outer door has a magnetic gasket providing a good seal.

Features:

- 50 liter or 190 liter chamber capacity;
- User friendly control system on led display;
- Electro-polished, one-piece, deep drawn chamber that ensures minimal risk of contamination, no internal fan;
- Energy efficient at 37°C;
- Premium Stainless Steel providing exceptional corrosion and contamination resistance;
- Market leading anti-bacterial biocide paint outer cabinet;
- Unique 6 sided direct heating system that ensures the highest standard in temperature control and stability;
- Rear access port allows temperature monitoring or other probes;
- Easily-removable Racking and Shelves;
- Drift-free IR CO₂ sensor externally mounted from the chamber;
- Multi inner door options

DIFFERENCES:

SPECIFIC FEATURES



Standard Models (160°C Decontamination cycle)	Touch Screen Models (200°C Sterilization cycle)
160°C Decontamination cycle	200°C Sterilization cycle
304 Grade Electro-polished Chamber	316 Grade Electro-polished Chamber
7 Segment Display PID Control System	PID Control System with full data logging (text & graphical)
	Ethernet Connection
	Continuous Download to SD Card
	New Touch Screen
	Oxygen control (1-19%) available on 190L + 200°C sterilization cycle & 50L
	User Interface. Select so only authorised personnel can operate the unit.

CHAMBER CAPACITY :

Standard Model (160°C decontamination cycle)	Chamber capacity
AL01-10-100	190L
AL01-11-100	190L + 160°C decontamination cycle
AL01-12-100	50L

Touch Screen Model (200°C sterilization cycle)	Chamber capacity
AL01-13-100	190L
AL01-14-100	190L + 200°C sterilization cycle
AL01-15-100	50L



AL01-10-100 · open 190l CO2 Incubator



Water tray



190l CO2 incubator inside



8 inner door option (190 liter models)



Wooden Crate Packaging