

# CO<sub>2</sub> Shaking Incubator

Air jacket type



- Equipment used for Cancer cells culture, culture of sperms and ovums, anaerobia culture, shake culture of animal and plant cells, thermophilic bacteria culture, enzyme reaction, mixing and bleaching of various reagents, clinical pathology.
- It is designed as an air jacket type which can rise temperature rapidly.
- Infra-red ray sensor system is adopted to control precisely regardless variation of temperature and humidity.
- It has a separate heater to remove moisture of the inner glass door.
- Agitation speed is kept constant regardless of the weight and voltage of the object.

## DS-310TS-C



## DS-310TF-C

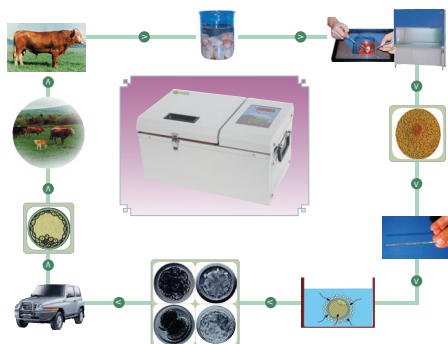


		DS - 310TS-C	DS - 310TF-C
Main controller		Microprocessor digital displayed Auto-tuning multi-functional P.I.D controller (Temp, Time, Speed)	
Temperature		Ambient +5℃ to 50℃	-5℃ to 50℃
Speed	Range	0 - 350 R.P.M	
	Controller	Microprocessor feed back controller	
CO <sub>2</sub>	Range	0 to 20%	
	Accuracy	±0.1% at 5%	
	Sensor	Infra-red dual-bean NDIR sensor system	
Humidification		Up to 96%RH at 37℃	
Dimensions (WxDxH)mm	In	500 x 500 x 500mm ,	
	Out	730 x 600 x 670	830 x 600 x 670
	Capacity	125 L	
	Holder plate	455 x 455(WxD) , 250ml x 25ea (100 - 2000ml )	
Cooling compressor		None	1/4HP
Material	In / Out	SUS 304 / Steel plate with powder coating(SCP-1)	
	Door	Magnetic packing with viewing window	
	Platform	Anodizing duralumin 5054	
Power (AC220V, 60Hz)		1.3kw	

# Embryo Culture & Transportable



- Culture and transportation of fertilized eggs, sperms, and ovums, cancer cells culture, anaerobia culture, culture and transportation of special tissues.
- Electricity loss can be reduced when to culture small amount of samples and it is proper to culture and transportation of fertilized eggs and it can be used for personal purpose.
- It can be operated by alternate current(AC) and direct current(DC12V) and the specimens(Fertilized eggs) are safe by using direct current during power interruption.
- Water supply device is installed inside therefore it always maintains suitable moisture.



		DS - 106
Main controller		Microprocessor digital displayed Auto-tuning multi-functional P.I.D controller
Chamber type		Air jacket type
Temperature	Range	Ambient +5℃ to 50℃
	Accuracy	±0.1℃ at 37℃
CO <sub>2</sub>	Range	0 to 20%
	Accuracy	±0.1% at 5%
	Sensor	Infra-red dual-bean NDIR sensor system
Humidification		Up to 96%RH at 37℃
Dimensions (WxDxH)mm	In / Out	200 x 200 x 150 6 L / 380 x 240 x 220
	Tray of storage	110 x 190 x 20
	Storage box / Lid	180 x 150 x 50 / 190 x 160 x 55
Storage tube lock holder		31 lock clamp
Embryo capacity		0.25cc x 31 tubes
Material	In	Stainless steel (SUS 304)
	Out	Steel plate with powder coating(SCP-1)
Safety system		Hydraulic over heating safety S/W, Electric leakage breaker
Electric requirements		DC12V and AC220V, 60Hz
Data port (Option)		RS-232 interface or RS-485 interface, USB memory storage device