

CO₂ Incubator

Water jacket type



- It is designed as water jacket type to minimize variation of temperature.
- Cancer cells culture, culture of sperms and ova, anaerobia culture and other special tissues culture. Air jacket type
- 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.

DS-102M



DS-103C
2 channel recorder-option



DS-102C
(Multistage stacked)



Option Accessories



Analyzer

Two stage regulator



Analog recorder

Digital recorder

Flow meter

		DS - 102CS	DS - 102M	DS - 102C	DS - 103C
Main controller		Microprocessor digital displayed Auto-tuning multi-functional P.I.D controller			Programmable 11step, multi-functional P.I.D controller
Chamber type		Water jacket			
Temperature	Range	Ambient +5°C to 50°C			
	Accuracy	±0.1°C at 37°C			
	Controller	Microprocessor digital displayed Auto-tuning multi-functional P.I.D controller (Sensor PT100Ω)			
CO ₂	Range	0 to 20%			
	Accuracy	±0.1% at 5%			
	Sensor	Infra-red dual-bean NDIR sensor system			
	Controller	Microprocessor No-revision dual bean NDIR sensor controller			
Humidification		Up to 96%RH at 37°C			
Timer		99min. 59sec. or 99hr. 59min. or 99days 23hours or continuous selectable			
Dimensions (WxDxH)mm	In	330 x 300 x 340	400 x 430 x 555	520 x 480 x 705	
	Out	430 x 420 x 565	520 x 550 x 840	620 x 600 x 930	
	Capacity	33 L	95 L	176 L	
Material	In	Stainless steel (SUS 304)			
	Out	Steel plate with powder coating(SCP-1)			
Water jacket volume		11 L	25 L	34 L	
Jacket heater		Bio ceramic FAR infrared heater			
Safety system		Hydraulic over heating safety S/W, Electric leakage breaker			
Shelves		Adjustable type 1ea	Adjustable type 3ea		
Power (AC220V, 60Hz)		0.32Kw	0.52Kw	0.8Kw	
Data port (Option)		RS-232 interface or RS-485 interface, USB memory storage device			