

# AIR JACKETED CO2 INCUBATOR INC91-151



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Precise management of temperature and CO2 provides an exceptionally stable environment, it is easy to maintain precise time/date stamped records of all incubator functions as often as necessary and adopts door heating control system. It is majorly used in issue engineering, mammalian cell research, tissue culturing and oncology studies. Used in Cell Culturing, Tissue culturing, Tissue Engineering, Vitro fertilization, Mammalian cell research, Oncology studies..

Also known as Laboratory CO2 Incubator Air Jacketed.

## INC91-151 AIR JACKETED CO2 INCUBATOR

151 liters internal volume  
Zirconium oxide Sensor  
IR CO2 sensor  
Water Level Alarm  
Integrated electric siphon pump  
Auto-zero  
Temperature deviation (at 37° C)  
Moist-heat disinfection at 90°C  
Relative humidity  $\geq 95\%$



## SPECIFICATIONS

Model	INC91-151
Capacity	151 L
Temperature Range	5°C above ambient temperature to 50°C
Temperature Stability	$\pm 0.1^{\circ}\text{C}$
Temperature Uniformity	$\pm 0.2^{\circ}\text{C}$
CO2 Range	0-20%
CO2 Stability	$\pm 0.1\%$
CO2 Sensor	Thermal Conductivity
CO2 Inlet Pressure	0.1 Mpa
Filter	0.3 um, Efficiency:99.998% (for CO2)
Access Port	Optional
Remote alarm contacts	Standard
Relative Humidity	$\geq 95\%$
Humidifying System	Special designed water reservoir
Water reservoir volume	4 L
Inner Door	one inner door standard
Interior	Type 304, mirror finish, stainless steel
Exterior	Electrolyzed galvanization steel, powder coated
Temperature Sensors	PT1000
Internal Dimension (WxDxH)	470×530×607 mm
Overall Dimension (WxDxH)	615×768×865 mm
Shelves/Trays	3 standard, 10 maximum

Shelf Dimension(WxD)	423×445 mm
Temperature control method	Microprocessor
CO2 control system	Microprocessor
Alarm System	Power interruption, High/Low temperature, Deviation of CO2, RH, Door ajar, Independent overheat protection
Weight	75 kg
De-contamination	UV lamp
Power	600 W
Power Supply	AC-220 V/AC 110 V 50/60 Hz

## ACCESSORIES

Accessory Code	Name	Description	3 Sets	1 Set
LS53974	Standard shelf		3 Sets	
LS53986	Electric siphon pump			1 Set

## OPTIONAL ACCESSORIES

Accessory Code	Name	Description
LS53650	Air connector	
LS53674	Electric siphon pump	
LS53710	Small CO2 inlet filter	
LS53746	UV light	
LS53758	CO2 regulator	

Accessory Code	Name	Description
LS53818	Shelf	Including: shelfx1, shelf supportx2
LS53878	Floor stand for 2 stacked incubators	585x637x200 mm
LS53902	Floor stand for 1 incubator	585x637x400 mm
LS53950	4 in 1 CO2 steel cylinder auto-switch device	
LS53962	CO2 steel cylinder auto-switch device	



**Biozef**

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