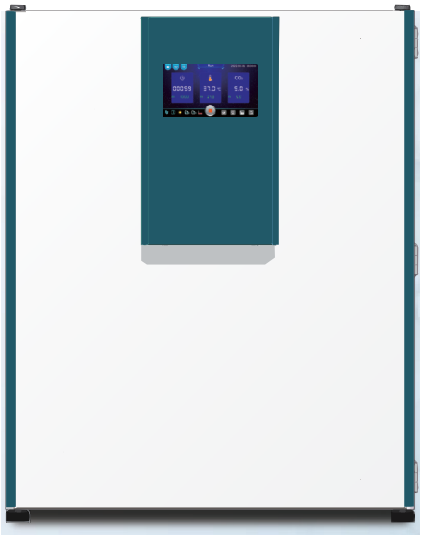
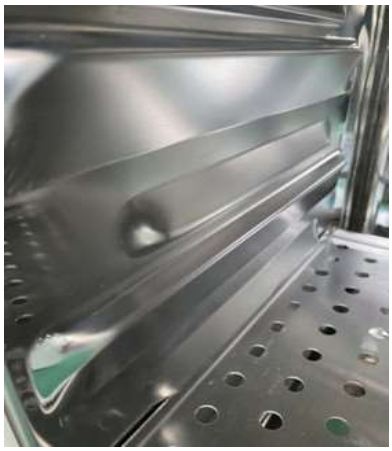
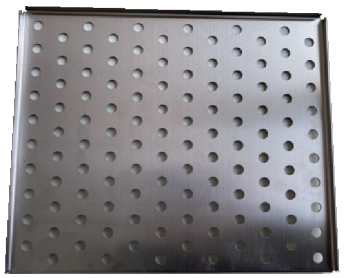
CO_2 INCUBATOR DS-Co2



MODEL	DS-50Co2	DS-180Co2	DS-260Co2
Temperature Control Method	Direct heat & Air Jacket		
Temperature Range	RT+3-60°C		
Temperature Uniformity	±0.25°C		
Temperature Accuracy	±0.1°C		
Temperature Recovery Time	<4 Mins		
Ambient Temperature Range	18-34°C		
CO2			
CO2 Range	0 ~ 20%		
CO2 Accuracy	± 0.1%		
CO2 Sensor	Infra-red (IR)		
CO2 Recovery Time*	<4 Mins	<4 Mins	<5 Mins
Inlet Pressure	0.8-1.2 bar		
HUMIDITY			
Humidification Method	Humidity Pan		
Humidity Range*	>90% RH		
CONTAMINATION			
Contamination method	Dry Heat		
Contamination Temperature	150°C		
Contamination Time	<10h		
Inlet Filter	<0.2μm		
Inner Filter	High temperature resistant HEPA filter, no need to remove during sterilization		
Heater	6 side heating		
Main Body	Antibacterial powder, antibacterial properties >99%		
PHYSICAL CONSTRUCTION			
Interior Volume	50L	185L	260L
External dims (WxDxH)	500*635*690	685*820*870	745*820*1055
Internal dims (WxDxH)	310*380*470	500*570*650	555*565*835
Interior Material	Stainless Steel type 304		
Number of shelves	2	3	4
Shelves Area	305*270 mm	496*440 mm	550*460 mm
Maximum Load per Shelf	20kg		
Voltage	220-240VAC 50/60Hz		
Maximum power consumption	500W	1200W	1500W
Display	Touch screen display with PID controller		
Optional function	i. Co2 Control 1-21% ii. Three inner doors or six inner doors iii. Lot module iv. Humidity Display v. Cylinder Switching vi. Removable base vii. Relief valve		





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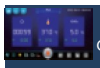
STACKING FEET
•Save lab space

HEPA FILTER
•High temperature resistant HEPA Olter, no need to remove during sterilization

DOOR SWITCH
•Intelligent door control, adjust the device operation according to the door status

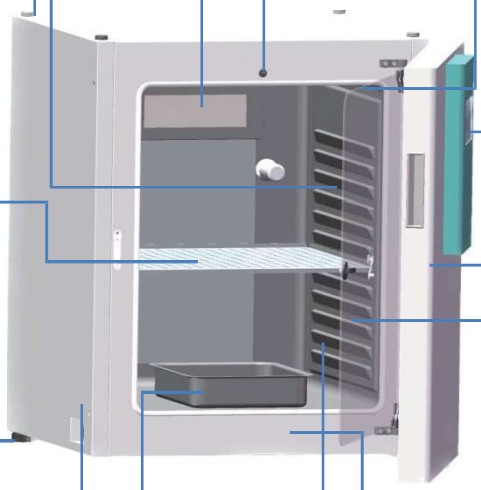
CO2 SENSOR
•I.R sensor dual were length

GLASS DOOR
•For observing sample cells inside the chamberduring operation
•protect the clean environment for sampl growth



CONTROL SYSTEM
•Seven inch touch screen, easy to operate, intuitive display
•Three levels of management
•Running record storage, can be exported by USB
•Sound and light alarm, guard sample safety

SHELVING
•Adjustable steel shelver loading capacity up to 20 kg



OUT DOOR
•Preventinner door condensation
•The door can be opened left or right

STANDING LEG
•Adjustable leg

SAMPLE PORT
•Easy to sample gas inside the box

HUMIDITY PAN
•Independent controal
Ensure rapid humidity
Recovery

DIRECT HEAT & AIR JACKET
•Six sides heating, uniform temperature
•Quick recovery of opening and closing parameters, no overshoot
•150 or 180°dry contamination

MAIN BODY
•Anti-microbial quoting

INTERIOR
•Round corner easy to clean, no frame structure

OPTIONAL ACCESSORIES

CO2 Inlet HEPA Filter
1 Year Service Life

Remote Monitoring for
CO2 Incubator

Shelves
CO2 Incubator

Chamber HEPA Filter
1 Year Service Life

Caster Wheels

CO2 Cylinder Pressure Regulator

BENCHTOP EQUIPMENT COMPATIBLE

CO2 Resistant Mini Roller
Model: DS-01UA/DS-03UA

CO2 Resistant Orbital Shaker
Model: DSC-26M

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