

Specifications

Model		RYX-50	RYX-150	RYX-240
Temp control method		Six-sided heating + breeze circulation + air jacket		
Performance	Temperature range	RT+5°C to 60°C		
	Temperature resolution	0.1°C		
	Temperature fluctuation degree	±0.1°C		
	Temperature distribution accuracy	±0.3°C @37°C		
	CO2 concentration control range	0~20%		
	CO2 concentration fluctuation degree	±0.5%		
	Humidity inside the box	≥90% (37°C)		
Structure	Chamber material	SUS304Cu mirror stainless steel		
	External material	Cold rolled steel plate with chemical resistant surface coating		
	Thermal insulation	Aluminum silicate fiber		
	Heater	Silicone heating patch		
	CO2 introduction port	Φ 6mm		
	CO2 filter	DUF Import		
	Partitions	SUS304Cu mirror stainless steel		
	Rated power	350W	950W	1200W
Controller	Temp. control	fuzzy PID control		
	CO2 concentration control method	fuzzy PID control		
	Control Interface	5" LCD touch screen		
	Sensor	PT100		
	CO2 concentration sensor	Imported infrared type sensor		
	Appointment function	The system automatically enters operation when the appointment time is reached		
	Timer function	Optional thermostat timing, start timing		
	Sterilization function	140°C dry heat sterilization		
	Operation mode	Fixed value operation mode, program operation mode		
	Historical Data	View historical data and can U disk export historical data.		
Historical curves	View the history curve			
Safety devices		Temp. alarm, concentration alarm, door control alarm, lock screen, power failure protection		
Specification	Inner (W•D•H)/mm	350•360•380	500•500•600	607•583•680
	Exterior (W•D•H)/mm	627•567•680	777•687•900	884•770•957

RYX-50, RYX-150, RYX-240, CO2 incubator provide modern medicine, medicine, biochemistry and agricultural science research and industrial production departments of biological cells, tissues, bacterial culture used.



Features

1. Adopt IR sensor, stable and long serve life, can effectively avoid the measurement deviation caused by frequent opening and closing, touching screen display, can show temperature, CO2 concentration and sterilization procedure clearly. Microcomputer control, users can set program, store history, check history data and curve, etc.



2. Six directions heating, can offer excellent temperature uniformity, 140°C sterilization, high-temperature stage only needs two hours, and the total cycle is less than 12 hours, which can be carried out automatically at night.

