CO2 Incubator (UV Sterilization)

◎Characteristics:

- Equipped with a 7.0-inch full-color touch screen.
- Standardly fitted with an imported high-precision infrared CO2 concentration sensor.
- Supports three-level permission management and comes with UV lamp sterilization function.
- Adopts a six-sided heated gas-jacket heating system paired with a well-designed air duct structure, delivering superior temperature uniformity and fast heating & temperature recovery.
- Features a bottom water reservoir with large evaporation area for rapid humidity recovery. Built-in door heating device prevents condensation on the inner glass door. Equipped with high-efficiency filter and intake filter to guarantee clean air inside the chamber.



◎Main Technical Parameters:

Model		TL-50C-U	TL-80C-U	TL-150C-U	TL-180C-U
Heating System		Microcomputer-controlled gas-jacket heating			
Performance	Operating Temperature Range	RT+5-65°C			
	Temperature Resolution	0.1°C			
	Temperature Fluctuation	±0.1°C			
	Temperature Uniformity	±0.3°C			
	CO_2 Sensor	Infrared type; Measuring range: 0.0-21.0%			
	CO_2 Control Range	0.0-20.0%			
	CO_2 Control Accuracy	±0.1%			
Construction	Inner Chamber Material	SUS 304 stainless steel			
	Outer Shell	Cold-rolled steel plate with electrostatic spraying surface			
	Insulation Layer	Polyurethane			
	Heater	Heater			
	Humidification Method	Humidity tray			
	Rated Power	0.4kW	0.5kW	0.6kW	0.7kW
	Exhaust Port	ϕ27mm at rear (with test port function)			
	Extra Structure	High-efficiency filter			
Controller	Control Mode	Intelligent fuzzy PID control			
	Setting Method	Touch screen			
	Display Layout	Temperature shown on left LCD; CO_2 concentration shown on right LCD			
	Timer	0-9999 minutes (with timer standby function)			
	Operation Modes	Constant value operation, timed operation, automatic stop			
	Additional Functions	Sensor deviation calibration, temperature overshoot auto-tuning, internal parameter lock, power-off parameter memory			
	Sensor	PT100 temperature sensor, water level sensor, CO_2 sensor			
Safety Device		High temperature alarm, CO_2 concentration alarm, multi-fault alarm			
Specification	Inner Chamber(W*L*Hmm)	345*375*388	404*439*454	509*472*632	540*500*670
	Exterior Size(W*L*H mm)	500*500*655	585*585*766	593*746*842	629*791*893
	Packing Size(W*L*H mm)	620*620*855	705*705*966	713*866*1042	749*911*1093
	Internal Volume	50L	80L	150L	180L
	Shelf Layers	4	5	6	7
	Single Shelf Load Capacity	15kg			
	Shelf Spacing	35mm			
	Power Supply (50/60 Hz) Rated Current	AC220V/1.8A	AC220V/2.3A	AC220V/2.7A	AC220V/3.2A
	N.W/G.W(kg)	55/70	70/85	93/108	115/130
Accessory	Shelves	2			
	Shelf Supports	4			
Optional Accessories		Extra Configurations			