



## LOM-9056-3Xn SERIES, Stackable Refrigerated Incubator Shaker+UV light Incubator Shakers (with or without CO2 Controller)

### Descriptions:

The incubating shaker with the 3 axis eccentric balance mechanism which is stable and reliable, also with long life. The speed control system has a speed terminal feedback system, which keeps the machine with high precision oscillation. The combination and innovation of PID control technology and fuzzy control technology have realized high precision control within the range of temp. The use of inverter compressor for refrigeration, which is in high efficiency and small energy consumption. The whole machine is in mute design, the noise is only 53dB. This machine can run continuously and work as the timer which is up to 999 hours. 12 segments function can be programmed to achieve the sample in diverse environment conditions and different running times to automatically create the required environments. It is convenient for the sample to be taken and put by choose

the rail tray or the movable transfer tray. The advanced Wifi monitoring system can be equipped with multiple iPhones and remote monitoring of the same machine at the same time, and timely access to the alarm information without air intake to deal with emergency situations quickly, safely and protect cultured cells. It is suitable for medium scale and large scale experiments and production.

Model	LOM-9056-3X-R-L-UV	LOM-9056-3X-R-L-UV-U	LOM-9056-3X-R-L-UV-CO2	LOM-9056-3X-R-L-UV-CO2-50	LOM-9056-3X-R-L-UV-CO2-50-U
Product Name	Large Capacity Stackable Incubator Shaker	Large Capacity Stackable Incubator Shaker +Upward Door	Large Capacity Stackable Incubator Shaker +CO2 Controller	Large Capacity Stackable Incubator Shaker +CO2 Controller & Shake Diam. 50mm	Large Capacity Stackable Incubator Shaker +CO2 Controller & Shake Diam. 50mm +Upward Door
Temp. Range	18°C-60°C (4°C) Room Temp. Minus 18°C-60°C (Lowest Temp. is 4°C)				
Temp. Accuracy	±0.1°C				
Temp. Uniformity	±0.5°C				
Speed	0 (Stop), 30-300rpm				
Speed Accuracy	±1rpm				
Orbit Diameter	Φ26mm			Φ50mm	
CO2 Sensor	NA		IR		
CO2 Control Range	NA		0-20%		
CO2 Control Accuracy	NA		±0.1%		
Recover Time after Open Door 30s on Temp	NA		≤6min (@37°C)		
Recover Time after Open Door 30s on CO2	NA		≤6min (@5%)		
RH Type	NA		Evapor Naturally		
Max. Humidity	NA		95%		
Programing Numbers	12 Sections				
Illumination	Both of Side Lamps				
Disinfection	Both of Side UV Lamps				
Door Open Direction	Downward	Upward	Downward	Downward	Upward
Display	10" Color Capacitance Touch Screen				
Touch Screen Type	Capacitance Type				
Auto-lock	Yes				
Auto-close Screen	Yes				
Protect Set arameters	Passwords Protect				
Display the Date	In a week				