



Laboratory Equipment Manufacturer

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## 381L Stackable Incubator Shakers with White Light

Series **New**



- Series Incubator Shakers, with white light, 381L capacity.
- Light intensity resolution: 100Lux. Light strength up to 20000Lux.
- Stackable up to 3 levels.
- Triple Eccentric Drive.
- 10" Large LCD color display control panel.

### ◆ Specifications

Model	LOM-9056-3X-R-LI-UV	LOM-9056-3X-R-LI-UV-U	LOM-9056-3X-R-LI-UV-CO2
Product Name	Stackable Incubator Shaker (381L, White Light, Touch Screen)	Stackable Incubator Shaker (381L, White Light, Upward Door, Touch Screen)	Stackable Incubator Shaker with CO <sub>2</sub> Controller (381L, White Light, Touch Screen)
Platform Dimensions	900x560mm		
Max. Capacity	Clamp Capacity: 50mlx135 / 100mlx60 / 150mlx60 / 200mlx60 / 250mlx60 / 500mlx34 / 1000mlx22 / 2000mlx15 / 3000ml(Thomson)x12 / 5000ml(Thomson)x6 Sticky Mat: 50mlx187 / 100mlx112 / 150mlx104 / 200mlx84 / 250mlx77 / 500mlx40 / 1000mlx28 / 2000mlx15 / 3000ml(Thomson)x15 / 5000ml(Thomson)x6		
Capacity	381L		
Max. Load	20kg		
Temp. Range	Max. Light Room Temp. Minus 10°C~60°C ( Lowest Temp. is 4°C )		
Temp. Accuracy	±0.1°C		
Temp. Uniformity	±0.8°C (@37°C)		
Speed	0 (Stop), 30~300rpm		
Speed Accuracy	±1rpm		
Orbit Diameter	φ26mm		
CO <sub>2</sub> Sensor	NA		IR
CO <sub>2</sub> Control Range	NA		0~20%
CO <sub>2</sub> Control Accuracy	NA		±0.1%
Recover Time after Open Door 30s on Temp.	NA		≤6min (@37°C)
Recover Time after Open Door 30s on Co <sub>2</sub>	NA		≤6min (@5%)
RH Type	NA		Evapor Naturally
Max. Humidity	NA		95%
Programing Numbers	12 Sections		
Light Strength	0~20000Lux (Up to the platform 10cm)		
Light Strength Step	100Lux		
Light Color	White Light 6000K~6500K		
Light Wavelength	492nm		
Light Strength Uniformity	±2000Lux (Max. Light)		
Disinfection	Both of Side UV Lamps		
Door Open Direction	Downward	Upward	Downward
Protect Set Parameters	Passwords Protect		

Model	LOM-9056-3X-R-LI-UV	LOM-9056-3X-R-LI-UV-U	LOM-9056-3X-R-LI-UV-CO2
Program on Light, Temp. and Speed	Yes		
Cycle Operation in Temp. and Light	Yes		
Date Curve Display	Temp. Curve, Speed Curve	Temp. Curve, Speed Curve, CO <sub>2</sub> Curve, RH Curve	
Display	10" Color Capacitance Touch Screen		
Timer	0~999h59min		
Date Export	USB Drive		
Display the Date	In 7 days		
Date Store Years	More than 912 days		
Date Store Time	1min		
Date Store Types	Time, Temp, Speed, Machine Status	Time, Temp, Speed, RH, Machine Status	
Automatic Defrost	Yes		
Auto-close Screen	Yes		
Auto-lock	Yes		
Third Platform High	1496mm		
Platform with Rails	Yes		
Noise Level	≤53dB (In Refrigerating)		
Water Sparge Resistant	Yes		
Interface Languages	Chinese or English		
Auto-run after Power Recovery	Yes		
Moto Type	Brushless DC Motor		
Heat Power	≤850W		
Cool Power	70~180W		
Power	≤1200W	≤1250W	
Power Supply	AC 220V±22V, 50Hz / 60Hz		
RH Control (Option)	NA	10%~95% Above RH (Option)	
Mobile Monitor and Control by WiFi (Option)	Option		
PC Monitor and Control by RS485 (Option)	Option		
Net Weight	293kg	298kg	
Internal Dimensions	1005x690x305mm		
Outside Dimensions	1400x886x (600+80 feet high)mm		

\* Please refer to page 21 to page 24 for accessories.