



250L Stackable Incubator Shakers

- **INV-250L Series Incubator Shakers.**
- **Smaller size with better temperature uniformity, $\pm 0.3^{\circ}\text{C}$.**
- **Stackable up to 3 units.**
- **Triple Eccentric Drive.**
- **10" Large LCD color display control panel.**

◆ Specifications

Model	INV-250L-UV	INV-250L-UV-U	INV-250L-UV-CO2	INV-250L-UV-CO2-50	INV-250L-UV-CO2-50
Product Name	Stackable Incubator Shaker (250L, Touch Screen)	Stackable Incubator Shaker (250L, Upward Door, Touch Screen)	Stackable Incubator Shaker with CO ₂ Controller (250L, Touch Screen)	Stackable Incubator Shaker with CO ₂ Controller and Shake Diameter 50mm (250L, Touch Screen)	Stackable Incubator Shaker with CO ₂ Controller and Shake Diameter 50mm (250L, Upward Door, Touch Screen)
Platform Dimensions	770x470mm				
Max. Capacity	Clamp Capacity: 50mlx104 / 100mlx45 / 150mlx45 / 200mlx45 / 250mlx40 / 500mlx25 / 1000mlx15 / 2000mlx12 / 5000ml (Thomson)x6 Sticky Mat: 50mlx112 / 100mlx72 / 150mlx60 / 200mlx45 / 250mlx40 / 500mlx28 / 1000mlx15 / 2000mlx12 / 5000ml (Thomson)x6				
Capacity	250L				
Max. Load	20kg				
Temp. Range	Room Temp. Minus 18℃~60℃ (Lowest Temp. is 4℃)				
Temp. Accuracy	±0.1℃				
Temp. Uniformity	±0.3℃ (@37℃)				
Speed	0 (Stop), 30~300rpm				
Speed Accuracy	±1rpm				
Orbit Diameter	φ26mm			φ50mm	
CO ₂ Sensor	NA		IR		
CO ₂ Control Range	NA		0~20%		
CO ₂ Control Accuracy	NA		±0.1%		
Recover Time after Open Door 30s on Temp.	NA		≤6min (@37℃)		
Recover Time after Open Door 30s on Co ₂	NA		≤6min (@5%)		
Humidity 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
Protect Set Parameters	Passwords Protect				



Model	INV-250L-UV	INV-250L-UV-U	INV-250L-UV-CO2	INV-250L-UV-CO2-50	INV-250L-UV-CO2-50
Data Curve Display	Temp. Curve, Speed Curve		Temp. Curve, Speed Curve, CO ₂ Curve, RH Curve		
Display	10" Color Capacitance Touch Screen				
Timer	0~999h59min				
USB Export Data	Yes				
Data Display on Interface	In 7 days				
Operating Data Storage Cycle	More than 912 days				
Operating Data Storage Interval	1min				
Data Storage Content	Time, Temp, Speed, Machine Status		Time, Temp, Speed, RH, CO ₂ , Machine Status		
Auto-Defrost	Yes				
Auto screen off	Yes				
Auto screen lock	Yes				
Third Platform Height	1345mm				
Platform with Rails	Yes				
Noise Level	≤55dB (In Refrigerating)				
Water Sparge Resistant	Yes				
Interface Languages	Chinese or English				
Auto-run after Power Recovery	Yes				
Heating Power	≤850W				
Cooling Power	70~230W				
Power	≤950W		≤1000W		
Power Supply	AC 220V±22V, 50Hz / 60Hz				
RH Control	NA		Optional(10% above ambient humidity,up to 90%)		
Mobile Monitor and Control by WiFi	Optional				
PC Monitor and Control by RS485	Optional				
Net Weight	255kg	265kg	255kg	260kg	270kg
Operation Chamber Dimension	305mm				
Outside Dimensions	1240x785x (535+80 feet high) mm	1240x785x (580+80 feet high) mm	1240x785x(535+80 feet high)mm		1240x785x (580+80 feet high) mm