



DARSUN SCIENTIFIC

405 L Stackable Incubator Shakers with Magnetic Drive

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- Incubator Shakers with Magnetic Drive.
- Magnetic Drive motor: more reliable, less maintenance.
- Large capacity, 405 liter.
- 10" High-Res Color Touch Screen with intuitive user interface.
- Infra-Red(IR) CO2 sensor for precise and reliable CO2 detection.
- Optional WiFi and RS485 monitoring and control.
- Stackable design up to 3 units.

Model	DS-6M	DS-6MT	DS-6CM	DS-6CM5	DS-6CM5T
Description	Stackable Incubator Shaker (405L, Touch Screen)	Stackable Incubator Shaker (405L, Upward Door, Touch Screen)	Stackable Incubator Shaker with CO2 Controller (405L, Touch Screen)	Stackable Incubator Shaker with CO2 Controller and Shake Diameter 50mm (405L, Upward Door, Touch Screen)	Stackable Incubator Shaker with CO2 Controller and Shake Diameter 50mm (405L, Upward Door, Touch Screen)
Platform Dimensions	900x560mm				
Max. Capacity	Clamp Capacity: 50mlx135 / 100mlx60 / 150mlx60 / 200mlx60 / 250mlx60 / 500mlx29 / 1000mlx22 / 2000mlx15 / 3000mlx12 / 5000mlx6				
Capacity	Sticky Mat: 50mlx187 / 100mlx112 / 150mlx104 / 200mlx84 / 250mlx77 / 500mlx40 / 1000mlx28 / 2000mlx15 / 3000mlx13 / 5000mlx8}				
Max. Load	405L				
Temp. Range	20kg				
Temp. Accuracy	Room Temp. Minus 18°C~60°C (Lowest Temp. is 4°C)				
Temp. Uniformity	±0.1°C				
Speed	±0.4°C (@37°C)				
Speed Accuracy	±0.3°C (@37°C)				
Orbit Diameter	0 (Stop), 30~350rpm				
CO2 Sensor	±1rpm				
CO2 Control Range	Φ26mm				
CO2 Control Accuracy	Φ50mm				
Recover Time After Open Door 30s on Temp.	N/A				
Recover Time after Open Door 30s on CO2	N/A				
Humidity Type	N/A				
Max. Humidity	N/A				
Programmable Segments	I2				
Illumination	LED				
Disinfection	UV				

Model	DS-6M	DS-6MT	DS-6CM	DS-6CM5	DS-6CM5T
Door Open Direction	Downward	Upward	Downward	Downward	Upward
Parameter Protection	Passwords Protect				
Data Display	Temp Speed		Temp Speed, CQRH		
Display	10" High-Res Color Touch Screen				
Timer	0-999h59min				
USB Export Data	Yes				
Screen Data Display	Displays Most Recent 7 Days of Data				
Data Export Period	Most recent 912 days of Data				
Data Storage Interval	1min				
Data Stored	Time, Temp, Speed, Instrument Status		Time, Temp, Speed, CO2, RH, Instrument Status		
Auto-Defrost	Yes				
Screen autosleep	Screen sleeps after set inactive time				
Screen autolock	Yes				
Third Platform Height	1491mm				
Platform movement	Slides on rails				
Noise Level	≤55dB (When Compressor is running)				
Auto-recovery after Power Interruption	Yes				
Power when Heating	≤850W				
Power when Cooling	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				
Window Cover	Optional				
Net Weight	265kg	275kg	270kg		280kg
Internal Working Height	335mm				
External Dimensions	1400x886x (600+80 feet high)mm				



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