



405 L Stackable Incubator Shakers with Magnetic Drive



India Office

16 S/F B/S, T-Block Extn.
Jain Colony Part-2 Uttam Nagar,
New Delhi-110059
info@darsunscientific.in
(+91) 9999136670, 7835864003

USA Headquarters

30 N Gould St, Ste R
Sheridan, Wyoming 82801
United States

DarsunScientific



Darsun Scientific

405 L Stackable Incubator Shakers with Magnetic Drive

DS-6M Series



Product Overview

1. Incubator Shakers with Magnetic Drive.
2. Magnetic Drive motor: more reliable, less maintenance.
3. Large capacity, 405 liter.
4. 10" High-Res Color Touch Screen with intuitive user interface.
5. Infra-Red (IR) CO₂ sensor for precise and reliable CO₂ detection.
6. Optional WiFi and RS485 monitoring and control.
7. 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 CO ₂ Controller (405L, Touch Screen)	Stackable Incubator Shaker with CO ₂ Controller and Shake Diameter 50mm (405L, Touch Screen)	Stackable Incubator Shaker with CO ₂ Controller and Shake Diameter 50mm (405L, Upward Door, Touch Screen)
Platform Dimensions	900 × 560 mm				
Max. Capacity (Clamp/Sticky Mat)	50 mL × 135 / 100 mL × 60 / 150 mL × 60 / 200 mL × 60 / 250 mL × 60 / 500 mL × 29 / 1000 mL × 22 / 2000 mL × 15 / 3000 mL × 12 / 5000 mL × 6 Sticky Mat: 50 mL × 187 / 100 mL × 112 / 150 mL × 104 / 200 mL × 84 / 250 mL × 77 / 500 mL × 40 / 1000 mL × 28 / 2000 mL × 15 / 3000 mL × 13 / 5000 mL × 8				
Capacity	405 L				
Max. Load	20 kg				
Temperature Range	Room Temp. – minus 18°C to 60°C (Lowest Temp. is 4°C)				
Temp. Accuracy	±0.1°C				
Temp. Uniformity	±0.4°C (@37°C)		±0.3°C (@37°C)		
Speed	0 (Stop), 30–350 rpm				
Speed Accuracy	±1 rpm				
Orbit Diameter	Φ26 mm			Φ50 mm	
CO ₂ Sensor	N/A		IR		
CO ₂ Control Range	N/A		0–20%		
CO ₂ Control Accuracy	N/A		±0.1%		
Recover Time After Door Open 30s	6 min (@37°C)				
Recover Time After Door Open 30s	N/A		6 min (@5°C)		
Humidity Type	N/A		Evaporate Naturally		
Max. Humidity	N/A		95%		
Programmable segments	12 segments				
Illumination	LED lamps on left and right chamber wall				
Disinfection	UV lamps on left and right chamber wall				

Model	D5-6M	D5-6MT	D5-6CM	D5-6CMS	D5-6CMST
Door Open Direction	Downward	Upward	Downward	c	Upward
Parameter Protection	Password Protect				
Data Display	Temp., Speed		Temp., Speed, CO ₂ , RH		
Display	10" High-Res Color Touch Screen				
Timer	0-999h 59min				
USB Export Data	Yes				
Screen Data Display	Displays Most Recent 7 Days of Data				
Data Export Period	Most recent 912 days				
Data Storage Interval	1 min				
Data Stored	Time, Temp, Speed, Instrument Status		Time, Temp, Speed, CO ₂ , RH, Instrument Status		
Auto-Defrost	Yes				
Screen Auto-Sleep	Screen sleeps after set inactive time				
Screen Auto-Lock	Yes				
Third Platform Height	1491 mm				
Platform Movement	Slides on rails				
Noise Level	≤55 dB (when compressor is running)				
Auto-Recovery After Power Interruption	Yes				
Power When Heating	850 W				
Power When Cooling	70-230 W				
Power	≤950 W		≤1000 W		
Power Supply	AC 220 ± 22 V, 50 Hz / 60 Hz				
RH Control	NA		Optional (10% above ambient humidity, up to 90%)		
Mobile Monitor & Control via WiFi	Optional				
PC Monitor & Control via RS485	Optional				
Window Cover	Optional				
Net Weight	265 kg	275 kg	270kg		280kg
Internal Working Height	335mm				
External Dimensions	1400 × 886 × (600+80 adjustable height) mm				