



Microplate Centrifuge



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Darsun Scientific Microplate Centrifuge

DS-450



Product Overview

The DS-450 bench top micro plate centrifuge seamlessly integrates cutting-edge technology with substantial capacity.

Product Features

- LED display for easy parameter adjustment during operation, featuring a user-friendly program design. Customizable modes such as short spin, timed cycles, and rotational speeds ensure efficient and stable tests.
- Impulse centrifugation provides instant acceleration to the desired speed, with automatic braking and fast shutdown for added safety.
- Equipped with a maintenance-free DC brushless motor, allowing rapid acceleration and deceleration, enabling quick and efficient centrifugation of multiple samples.
- Compact and uniquely designed, the centrifuge is user-friendly, allowing easy handling of microplates. The lid opens up to 90° for convenient access.
- Efficiently disperses hanging liquids on tube walls before or after PCR tests, significantly enhancing test accuracy.
- Manufactured in compliance with international safety regulations,
- Safety features include an electrical lid interlock preventing door opening while the rotor is running. The machine will not operate if the lid is open, displaying an error code.
- Emergency lid-lock release function activates in case of a power failure.
- Equipped with a gas hinge for lid drop protection.
- Various safety protections, including over speed mechanisms, are integrated to ensure user and machine safety.

MODEL NO	DS-450				
Speed range(rpm)	0-3000rpm adjustable				
Max Capacity(ml)	2x96 well PCR plate / microplate, 24x8x0.2ml PCR strip tube, 192x0.2ml PCR tube				
Display	LCD				
Dimension(mm)	230x195x195mm				
Speed accuracy	±10rpm				
RCF range (xg)	0-600xg adjustable				
Time range	Short spin/ 1~99 seconds/ 1~99 minutes				
Motor	Frequency Converter motor				
Power supply	DC 24V power adapter (AC 100~230V 50/60Hz 5A), 55W				
Net weight(without rotor)	3.9 KGS				
No.	Item	Capacity	Rotational speed	Max.RCF	Note
NO.1	Adapter	24×8×0.2ml	3000r/min	600xg	PCR tube-strip or 0.2ml PCR tube
					