



Benchtop High Speed Refrigerated Centrifuge



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

Benchtop High Speed Refrigerated Centrifuge

DSL-16M



Product Overview

The high-speed refrigerated centrifuge DS-L-16M stands out with its impressive maximum speed of 16,500 rpm. Its built-in refrigeration feature ensures precise temperature control during the separation process, crucial for preserving sample integrity. Compatible with a range of fixed-angle rotors and adapters, it caters to high-speed centrifugation needs spanning volumes from 0.2ml to 100ml. Despite its robust capabilities, its compact design makes it a perfect fit for labs with limited space, combining efficiency and convenience seamlessly.

Product Features

1. Direct Drive AC Variable Frequency Motor: Experience high precision, low noise, and an extended lifespan for reliable and efficient operation.
2. High-Efficiency and Environmentally Friendly Refrigeration System: Our centrifuge adopts an advanced cooling system that not only ensures precise temperature control but also eliminates environmental pollution.
3. Silent Technology and "Low-Noise" Patent Certification: With our innovative "Low-Noise" technology, enjoy a quiet laboratory environment as the centrifuge operates at a maximum noise level below 58 decibels.
4. Microcomputer Control and Color LCD Display: Take full control of your experiments with ease. Our centrifuge's user-friendly interface allows programming, storage, and simultaneous display of speed, centrifugal force, and time on a vibrant color screen.
5. 10 adjustable lift speed curves. Customize up to 30 programmable and storable free programs to meet your diverse experimental needs.
6. Double-Layer Sealing Rings on the Door Cover and Body: Designed to meet the demands of long-term use, our centrifuge features excellent sealing performance, ensuring airtight operation.
7. Three-Level Damping System and Versatile Speed Curves: Experience optimal stability and versatility with our centrifuge's three-level damping system.
8. Multiple Safety Features: We prioritize safety. Our centrifuge is equipped with multiple layers of protection, including overspeed detection, overheating prevention, and an electronic safety door lock, ensuring the well-being of both the user and the machine.

MODEL NO	DSL-16M
Max. RPM	16,500rpm
Max.Capacity	4 x100ml
Max.RCFA	19480xg
Time control	1-99minutes 59s adjustable
Noise level (dB)	≤58dB(A)
Display	LCD
Refrigerant	R134A
Dimension (W x D x H, mm)	600x570x380mm(LxWxH)
Speed accuracy	±10r/min
Temp. Range	-20 °C - 40 °C
Temperature control accuracy	±1 °C
ACC/DEC	10/10 steps
Program memory	30
1Weight without rotor (kg)	70 kg
P1ower supply	AC220V,50HZ,10A; 880W

No.	Item	Max. capacity	Max.speed	Max.RCF	Note
NO.1 	Angle rotor	12×1.5/2.2ml	16500r/min	19176xg	PP/PC tube
	Adapter 	12×0.5ml			
	Adapter 	12×0.2ml			
NO.2 	Angle rotor	12×5ml	16500r/min	19480xg	PP/PC tube
	Adapter 	12×1.5ml			
NO.3 	Angle rotor	12×10ml	12000r/min	13523xg	PP/PC tube
	Adapter 	12×5ml			
NO.4 	Angle rotor	24×1.5/2.2ml	14000r/min	18407xg	PP/PC tube
	Adapter 	24×0.5ml			
	Adapter 	24×0.2ml			
NO.5 	Angle rotor	36×1.5/2.2ml	13000r/min	15304xg	PP/PC tube
	Adapter 	36×0.5ml			
	Adapter 	36×0.2ml			
NO.6 	Angle rotor	12×8×0.2ml	12000r/min	16985xg	PCR 8-tube strips