

Ultra High Capacity Refrigerated Centrifuge
Model: DLM12L

Compact refrigerated floor standing centrifuge is specially designed for universal use in blood banks, clinical laboratories, a serology investigations, molecular biology, serum separation, pharmaceutical applications, where repeatability, precision and reliability of speed, time, temperature, acceleration and deceleration are significant factors in obtaining perfect separations of the distinct blood fractions.

Features:





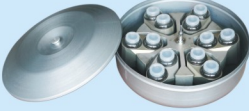
- Two motorized lid locks prevent cover opening during centrifugation. Gas spring to prevent falling of lid.
- Manually lid open in case of failure or emergency.
- Imbalance fault detection with auto shutdown
- Pre-cooling during standstill. CFC free refrigeration system (refrigerant R404A or R134A).
- Metal external case. The centrifuge stands on movable castors.
- With silent-block and shock absorbers that guarantee a smooth and quiet operation.
- Reliable drive system.
- Recall of last set parameters. (Useful for repetitive analysis).
- Microprocessor control of all functions: speed, time, temperature, acceleration/deceleration, rcf, program memory, error display.
- RPM/RCF adjustable along with the run and value calculating automatically.
- The screen shows the set parameters and live values.
- Selective ac/dc rates ensure high-quality separations.
- The self-diagnostic system provides protection for imbalance, over-temperature / speed/voltage, and electronic lock.
- Induction motor maintenance free.
- Swing-out rotor head, buckets, and adapters made of high-density material.
- Velocity hole provides a way of speed detection.
- Produced according to national and international safety standard (e.g. IEC 61010).
- ISO9001, ISO13485, CE international standards are met.



Technical data:

Model	DLM12L	Motor	Converter Motor, direct drive
Screen	LED & LCD color screen	Control	Microprocessor Control
Max. Speed	8000rpm	Motor power	3.7kw
Speed accuracy	±20 rpm	Refrigerator power	2.5kw
Max. RCF	14336xg	Power supply	AC220V 50Hz 30A
Max Capacity	6x2400ml	Noise	<58db
Temp. range	-20°C~+40°C	Net weight	500kg
Temp accuracy	±2°C	Gross weight	587kg
Timer range	1~99h59m	Dimension	960×860×1200mm(L×W×H)
Acceleration / Deceleration rates	1~12	Package dimension	1150×970×1360mm(L×W×H)
Daily-use program	30		

Rotor:

 No. 1 Angle rotor	Max. Speed:8000rpm Capacity: 6 x1000ml Max. RCF:14336 xg 1000ml Bottle Size: Φ96x178mm, cap: Φ95, flat	
 No. 2 Swing Rotor	Max. Speed: 4600rpm Capacity: 6 x2400ml Max. RCF: 7060 xg 2400ml Bottle Size:Φ67x191mm, cap: Φ81mm flat Blood Bag 450ml: 2 pcs / swing bucket, total for 12 pcs bags Blood Bag 250ml:4 pcs / swing bucket, total for 24 pcs bags	
 No. 3 Swing Rotor	Max. Speed: 4200rpm Capacity: 6x2x1000ml Max. RCF: 5900 xg 1000ml Bottle Size: Φ98x170mm flat	