



PROMED

**LABROTARY
CENTRIFUGE**



*Fits perfectly into
your daily lab work*

REFRIGERATED CENTRIFUGE

DL-3022HR

Excellent Performance you can trust

DL-3022HR is our versatile benchtop centrifuge. With a comprehensive portfolio of fixed-angle and swing-bucket rotors, it was designed to accommodate a particularly broad spectrum of applications.

PRODUCT FEATURES

- ▶ One-touch Solution at Your Fingertips
- ▶ High centrifugation speed of up to 38,487 xg (23,500 rpm) for molecular applications in tubes from 0.2ml to 100ml
- ▶ Temperature control range from -20 °C to 40 °C
- ▶ ECO shut-off engages after cooling down to set temperature reduce energy consumption and extend compressor life
- ▶ 21 different rotors tailored to your needs
- ▶ **Fast Cool&Quick Lock** cools down to 4°C in only 5 minutes
- ▶ Aerosol-tight rotors prevent potentially hazardous materials

HIGH SPEED



Rotor Portfolio

Fixed-angle rotors

									
Rotor No.	H0.512	H0.524	H0.548	H0212	H0224	H0236	H0248	H0512	H1012
Max. Capacity	12 x 0.5ml	24 x 0.5ml	48 x 0.5ml	12 x 2ml	24 x 2ml	36 x 2ml	48 x 2ml	12 x 5ml	12 x 10ml
Max. Speed	23,500 rpm	22,500 rpm	16,000 rpm	22,500 rpm	16,500 rpm	16,000 rpm	15,500 rpm	17,000 rpm	15,500 rpm
Max. RCF	29,636 xg	38,487 xg	22,324 xg	38,487 xg	25,871 xg	25,473 xg	26,672 xg	21,971 xg	23,261 xg

									
Rotor No.	H0524	H1024	H3006	H5006	H5008	H1006	H1004	H0.232-RCR	H1508
Max. Capacity	24 x 5ml	24 x 10ml	6 x 30ml	6 x 50ml	8 x 50ml	6 x 100ml	4 x 100ml	4 x 8 x 0.2ml	8 x 15ml
Max. Speed	13,500 rpm	12,500 rpm	15,000 rpm	20,000 rpm	12,000 rpm	12,000 rpm	12,000 rpm	14,500 rpm	17,572 rpm
Max. RCF	17,115 xg	16,770 xg	22,640 xg	43,000 xg	16,904 xg	16,904 xg	16,904 xg	16,219 xg	16,219 xg



Compact footprint saves valuable bench space

Rotor Portfolio

Swing-bucket rotors



Rotor No.	Swing-bucket 220	Max. Speed	4,500 rpm
Max. Capacity	4 x 300ml	Max. RCF	3,645 xg



4 x 250ml bottle



4 x 500ml bottle



76 x 5ml RIA Tubes



4 x 100ml conical tube



20 x 15ml conical tube



40 x 10ml Vacutainer Tube



12 x 50ml conical tube



56 x 3/5/7ml Vacutainer Tube

Adapters for

Adapters for



Rotor No.	Swing-bucket 189-2	Max. Speed	5,000 rpm
Max. Capacity	4 x 100ml	Max. RCF	3,913 xg



4 x 100ml bottle



8 x 50ml conical tube



32 x 10/5/7ml vacutainer



24 x 10/15ml conical tube



40 x 5ml tube



32 x 5ml tube

Rotor Portfolio

Plate rotors



Rotor No.	MTP/DWP 9602H	Max. Speed	5,000 rpm
Capacity	96-well x 2 (DWP) 96-well x 2 x 2 (MTP)	Max. RCF	4,081 xg

Technical specifications

Max. speed	23,500 rpm	Speed accuracy	±10 rpm	Ambient temp.	10~32 °C
Max. RCF	38,487 xg	Temp. Range	-20~40 °C	Power supply	220V/50Hz
Max. capacity	4 x 300ml	Temp. accuracy	±1.0 °C	Power	1,500W
Noise	≤58dB	Weight	95Kg	Dimension	510x555x488mm
Timier	1s~99h59m59s with continuous mode, short spin				

Performance you can count on



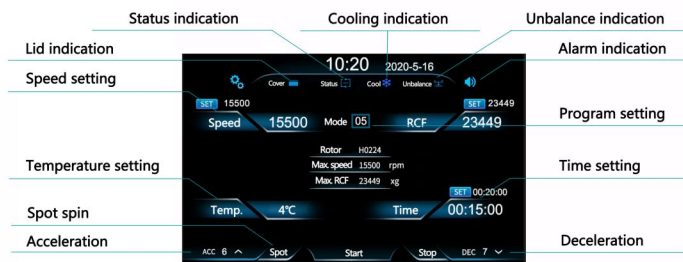
REFRIGERATED CENTRIFUGE

DL-3021HR

Constructions & Functions



ONE-TOUCH SOLUTION AT YOUR FINGERTIPS



SAFE

- ▶ Double lids lock system works as soon as the centrifuge activated
- ▶ Double layered steel construction create a sturdy and safe chamber
- ▶ Stainless centrifuge chamber, anti-rust and anticorrosion, easy to clean
- ▶ Automatic unbalance detection, auto-shutdown when unbalance alarms.
- ▶ Sinking exhaust channel design prevents aerosol pollution during centrifugation
- ▶ Aerosol-tight fixed-angle rotor for better biosecurity

UNIQUE

- ▶ 15 acceleration/deceleration gears for various types of samples
- ▶ Timing at set rpm/ Timing at startup
- ▶ Spot spin centrifugation
- ▶ Programmable Differential RCF program 5 reserved programs can be set by users
- ▶ All rotors maintain 4 °C at maximum rotor speed
- ▶ **Standby Cooling** design pre-cools the chamber to set temperature before operation.

TECHNICAL

- ▶ 20 optional programmable centrifugation programs improve work efficiency
- ▶ **SOFT BRAKE** design prevents sample resuspension and protect your sensitive samples
- ▶ Multi-layer damping shock absorption design ensures good centrifugal effect
- ▶ Built-in condensation drain to eliminate water accumulation
- ▶ Optional RS485 contact
- ▶ Fixed-angle rotors can be autoclaved at 121°C for 2 hours

Advanced temperature management for maximum sample protection and energy efficiency