



**PROMED**

**LABROTARY  
CENTRIFUGE**



*Fits perfectly into  
your daily lab work*

Anhui Zhongke Duling Commercial Appliance Co., Ltd

# REFRIGERATED CENTRIFUGE

# DL-2018HR

## Advanced temperature management

DL-2018HR is the refrigerated laboratory standard when it comes to efficient cooling performance in a very ergonomic product design. It features state of the art cooling technology to ensure high temperature accuracy for maximum sample protection and best separation results.

## PRODUCT FEATURES

- ▶ One-touch Solution at Your Fingertips
- ▶ High centrifugation speed of up to 26,870 xg (18,800 rpm) for molecular applications in tubes from 0.2ml to 10ml
- ▶ 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
- ▶ 9 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



## Rotor Portfolio

### Fixed-angle rotors



<b>Rotor No.</b>	H0.512	H0.232-RCR	H0.548	H0212	H0224
<b>Max. Capacity</b>	12 x 0.5ml	4 x 8 x 0.2ml	48 x 0.5ml	12 x 2ml	24 x 2ml
<b>Max. Speed</b>	23,000 rpm	14,500 rpm	16,000 rpm	22,000 rpm	17,500 rpm
<b>Max. RCF</b>	28,388 xg	16,219 xg	22,324 xg	36,796 xg	29,890 xg



<b>Rotor No.</b>	H0236	H0248	H0512	H1012
<b>Max. Capacity</b>	36 x 2ml	48 x 2ml	12 x 5ml	12 x 10ml
<b>Max. Speed</b>	16,000 rpm	15,500 rpm	17,000 rpm	15,500 rpm
<b>Max. RCF</b>	25,473 xg	26,672 xg	21,971 xg	23,261 xg

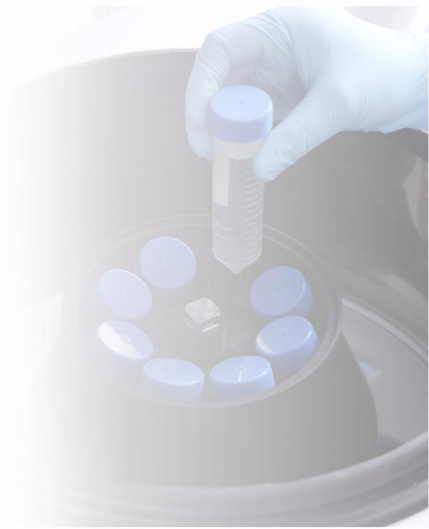
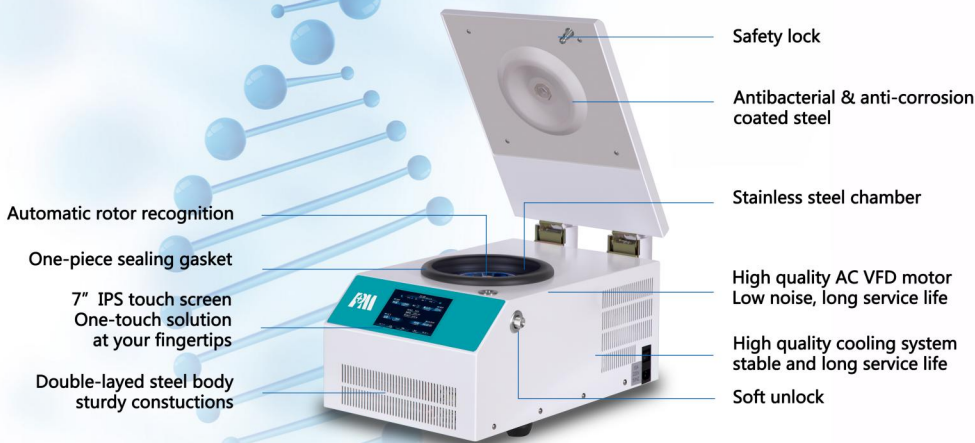
*Compact footprint saves valuable bench space*



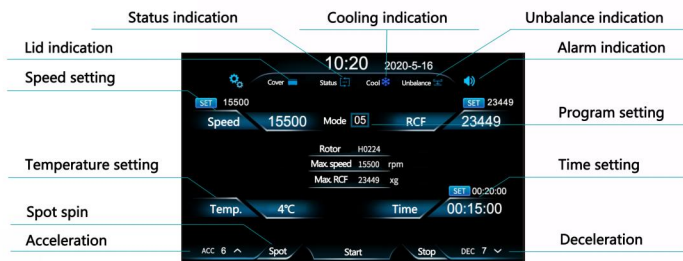
# REFRIGERATED CENTRIFUGE

# DL-2018HR

## Constructions & Functions



## ONE-TOUCH SOLUTION AT YOUR FINGERTIPS



## Technical specifications

Max. speed	18,800 rpm	Speed accuracy	±10 rpm	Ambient temp.	10~32 °C
Max. RCF	26,870 xg	Temp. Range	-20~40 °C	Power supply	220V/50Hz
Max. capacity	12 x 10ml	Temp. accuracy	±1.0 °C	Power	1,000W
Noise	≤58dB	Weight	70 Kg	Dimension	613x382x325mm
Timier	1s~99h59m59s with continuous mode, short spin				

### SAFE

- ▶ Safe lids 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 precools the chamber to set tepmeraturer 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