

BENCHTOP HIGH SPEED REFRIGERATED CENTRIFUGE

DSL-16



Product Overview

DSL-16 is a practical benchtop refrigerated centrifuge which can hold sample volume from 0.2mL-6x100ml. All steel body, LCD and LED dual screen display. Max speed can reach 16500rpm. This unit includes refrigeration with a temperature range from -20°C to +40°C.



Product Features

USER-FRIENDLY FUNCTIONS

- >12 user-defined programs
- >40 rates acceleration and deceleration
- >up to 99h59m timer range
- >RCF can be set directly.
- >LCD&LED screen show parameters simply and clearly
- >Water-proof touch key pad, each parameter has corresponding button to set
- >User can reset parameters when rotor is spinning

REFRIGERATION

- >Good compressor unit
- >-20°C to +40°C, 1°C increment
- >±1°C high temperature accuracy
- >CFC-free refrigerant
- >Temperature sensor inside the chamber
- >Starts refrigeration when power on
- >Maintains refrigeration after spin

ENSURE SAFETY

- >Automatic rotor recognition to prevent overspeed
- >Imbalance detection by three axis gyroscope
- >Motorized electronic door lock
- >Door cannot be opened when rotor is spinning
- >Gas hinge to prevent door falling
- >Port in the door for calibration and operation checking
- >Emergency door lock release
- >Various protections to ensure safe centrifugation

GOOD COMPONENTS

- >Motor: Variable frequency motor. stable running, maintenance free, long life
- >Housing: Thick and strong steel
- >Chamber: 316 stainless steel with teflon coating. anticorrosion and easy to clean
- >Rotor: Aluminum alloy rotor
- >Rotors are autoclavable

Model	DSL-16
Max speed	16500rpm
Max RCF	24760xg
Max capacity	6*100ml
Temperature range	-20°C to +40°C
Temperature accuracy	±1°C
Timer range	1s to 99h59m59s
Speed accuracy	±10rpm
Noise	≤60dB(A)
Power consumption	1200w
Dimension	420x625x370mm
Net weight	53kg



AVAILABLE ROTORS FOR **DSL-16**

 Rotor:Fixed angle rotor Capacity:12x1.5/2.2ml Max speed:16500rpm Max RCF:19000×g Tube size:Φ11x42mm	 Rotor:Fixed angle rotor Capacity:12x 5ml Max speed:15000rpm Max RCF:18270×g Tube size:Φ14×54mm	 Rotor:Fixed angle rotor Capacity:24x1.5/2.2ml Max speed:16000rpm Max RCF:24760×g Tube size:Φ11x42mm
 Rotor:Fixed angle rotor (aerosol tight) Capacity:24x1.5/2.2ml Max speed:16000rpm Max RCF:24760×g Tube size:Φ11x42mm	 Rotor:Fixed angle rotor Capacity:12×10ml Max speed:13000rpm Max RCF:15620×g Tube size:Φ16×86mm	 Rotor:Fixed angle rotor Capacity:36x1.5/2.2ml Max speed:13000rpm Max RCF:15620×g Tube size:Φ11x42mm
 Rotor:Fixed angle rotor Capacity:6×50ml conical bottom Max speed:12000rpm Max RCF:15970×g Tube size:Φ29×116mm	 Rotor:Fixed angle rotor Capacity:6×50ml round bottom Max speed:12000rpm Max RCF:15970×g Tube size:Φ29×111mm	 Rotor:Fixed angle rotor Capacity:48×1.5/2.2ml Max speed:12000rpm Max RCF:15970×g Tube size:Φ11×42mm
 Rotor:Fixed angle rotor Capacity:4x100ml Max speed:11000rpm Max RCF:12870×g Tube size:Φ38x123mm	 Rotor:Fixed angle rotor Capacity:8x50ml conical bottom Max speed:11000rpm Max RCF:12870×g Tube size:Φ29x116mm	 Rotor:Fixed angle rotor Capacity:8x50ml round bottom Max speed:11000rpm Max RCF:12870×g Tube size:Φ29x111mm
 Rotor:Fixed angle rotor Capacity:12x15ml Max speed:11000rpm Max RCF:12870×g Tube size:Φ17x121mm	 Rotor:Fixed angle rotor Capacity:6×10ml Max speed:16000rpm Max RCF:19070×g Tube size:Φ16×86mm	 Rotor:Fixed angle rotor Capacity:6×30ml Max speed:13000rpm Max RCF:15620×g Tube size:Φ25.5×100mm
 Rotor:Fixed angle rotor Capacity:8x15ml Max speed:13000rpm Max RCF:15620×g Tube size:Φ17x121mm	 Rotor:Microplate rotor Capacity:2x2×48 well plate Max speed:4000rpm Max RCF:1500×g max: 128×48x60mm	 Rotor:Fixed angle rotor Capacity:8x0.2ml PCR strip Max speed:13000rpm Max RCF:14640×g
 Rotor:Fixed angle rotor Capacity:6x100ml Max speed:9000rpm Max RCF:9770×g Tube size:Φ38x123mm		