

-164°C Cryogenic Freezer



DW-ZW128



Targeted Refrigeration



Low Temperature Limit



Innovator in Refrigeration Industry



National Awards

Dual-core targeted refrigeration

Double-core targeted refrigeration, rapid refrigeration, energy saving and environmental protection;
Second prize of national science and technology invention;
Temperature set point can be adjusted from -120 °C to -164 °C through the precise controller.

Refrigeration System

- Environmental protective refrigerant invented by Chinese academy of sciences(CAS);
- Unique refrigeration circuit design with china patent;
- Refrigeration technology of single-stage oil slide compressor, powerful cooling ability;
- Famous international compressor, efficiency cooling with eco-refrigerant;
- Imported famous brand fan motor with premium quality.

Security System

- The well-developed security system with multiple audible & visual alarm functions: high/ low temperature alarm, power failure alarm, sensor failure alarm, low battery alarm, condenser heat dissipation alarm, system failure alarm .To ensure the sample safety storage ;
- The turn-on delay and stopping interval protection can ensure reliable compressor operation;
- The keyboard lock and password protection can prevent any adjustment of operating parameters without permission.

Human-oriented Design

- Horizontal type with lid to be opened from the top, assisting balanced hinges to open it easily;
- Casters can be fixed for easy movement and fixation;
- Standard with printer to record the temperature data every 20 minutes. Optional with chart recorder, alarm lamp, voltage compensation, remote communication centralized monitoring system.



✓ Scope of Application

Application to scientific research, low temperature test of special materials, freeze red blood cell, white blood cell, skins, DNA/RNA, bones, bacteria, sperm and biological products etc. Suitable for use in blood bank station, hospitals, sanitation and anti-epidemic stations, biological engineering, laboratories in colleges & universities, military enterprises and so on.

Model	Effective Volume (L)	Temperature(°C)	External Dimensions (W*D*H, mm)	Internal Dimensions (W*D*H, mm)	Input Power (W)	Inventory Rack (Model & Quantity)	Net Weight (Kg)
DW-ZW128	128	-120~-164	1510*985*1120	510*460*540	8200	ZKW304-9-2: 9	380
DW-UW128	128	-110~-152	1510*985*1120	490*470*585	4100	ZKW304-9-2: 9	315
DW-UW258	258	-110~-152	2250*940*1120	1140*410*552	8200	ZKW304-9-2: 16	460