

-164°C Cryogenic Freezer



-  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