

-10~-25°C Biomedical Freezer



High-precision Temperature Control

- Digital temperature display , inner temperature can be set within a range from -10°C to -25°C;
- The high-precision microcomputer temperature control system and platinum resistor temperature sensors ensure more precise temperature control.

Refrigeration System

- The compressor supplied by an international famous brand and EBM fan are energy-saving and environmentally friendly;
 - The refrigerating circuit with proprietary intellectual property rights ensures high efficiency and stability. Hot gas pipe surrounding to prevent from condensation.
- DW-YL450 with 2 cooling system for separate chamber temperature control.

Security System

- The well-developed audible & visual alarm system makes it safer for storage: high and low temperature alarm, door ajar alarm, sensor failure alarm. DW-YL450 also have power failure alarm , low battery alarm and USB date logger failure alarm.
- The start delay and stopping interval protection function can ensure reliability in running;
- The keyboard lock function can prevent any adjustment of operating parameters without permission;
- The door is equipped with a lock,improving security of sample storage.

Human-oriented Design

- The built-in door gasket is dustproof and easy to clean; DW-YL450 standard with USB built-in datalogger for temperature data record.
- The cabinet is equipped with drawers that are convenient for storage of samples;
- The low noise design can create a comfortable work environment.

Model	Effective Volume (L)	Temperature(°C)	External Dimensions (W*D*H, mm)	Internal Dimensions (W*D*H, mm)	Power (W)	Net Weight (Kg)
DW-YL90	90	-10~-25	700*669*854	500*485*532	51	54
DW-YL270	270	-10~-25	700*640*1792	500*460*1235	135	90
DW-YL450	450	-10~-25	810*735*1960	(650*570*627)*2	206	136
DW-YW226A	226	-10~-25	1115*610*890	954*410*703	150	50
DW-YW358A	358	-10~-25	1350*785*880	1220*545*673	121	59
DW-YW508A	508	-10~-25	1650*735*880	1504*545*673	320	74

2~8/-10~-26/-40°C Combined Refrigerator and Freezer



High-precision Temperature Control

- High-precision microcomputer temperature control system;
- Multiple alarm sensors for High and low temperature, ambient temperature and evaporator temperature ensuring the safe and stable running.
- High brightness digital temperature display with 0.1°C display precision;

Refrigeration System

- Equipped with high-efficiency compressor and international brand fan for energy save and silent running.
- 2 separate cooling systems (2 compressors): one ensuring temperature from 2°C~8°C for the upper chamber, the other one keeping the temperature from -10°C to -26°C/-40°C settable for the down chamber. If one compressor damaged, the other one could still work normally.

Security System

- Audible and visual alarm system: high and low temperature alarm, high ambient alarm, sensor failure alarm, door ajar alarm, power failure alarm, low battery alarm, data-logger failure alarm, optional remote alarm etc.
- External door handle and padlock to prevent unauthorized opening.
- Long time support back-up battery for display and alarms system during power failure.

Human-oriented Design

- Drawers for convenient sample storage;
- Shelves with divided sections;
- Door gasket surrounded with hot gas pipe for better defrosting.
- With built-in USB data-logger for temperature data storage more than 600 days (For models standard with USB) .

Model	Effective Volume (L)	Temperature(°C)	External Dimensions (W*D*H, mm)	Internal Dimensions (W*D*H, mm)	Power (W)	Net Weight (Kg)
YCD-EL300	300	R:2~8/F:-10~-26	700*640*1876	R:600*510*657/F:500*460*535	296	87
YCD-FL300	300	R:2~8/F:-10~-40	700*640*1876	R:600*510*657/F:500*460*535	300	100
YCD-EL289	289	R:2~8/F:-10~-26	745*650*1845	R:600*510*670/F:500*460*505	268	140
YCD-FL289	289	R:2~8/F:-10~-40	745*650*1845	R:600*510*670/F:500*460*505	352	143
YCD-EL450	450	R:2~8/F:-10~-26	810*745*1960	(650*570*627)*2	302	144
YCD-FL450	450	R:2~8/F:-10~-40	810*745*1960	(650*570*627)*2	400	146
YCD-EL519	519	R:2~8/F:-10~-26	910*740*1972	R:750*610*740/F:650*560*565	340	186
YCD-FL519	519	R:2~8/F:-10~-40	910*740*1972	R:750*610*740/F:650*560*565	422	186