

## -10~-25°C Biomedical Freezer



### Structure Design

- The freezer is equipped with a foam door, which effectively prevents the loss of cold air and has excellent insulation performance;
- The door is equipped with a lock and key to provide a safe cryogenic storage space for samples;
- The freezer cabinet is made of pre-coated steel plate, which is corrosion resistant and easy to clean;
- There is  $\Phi 25$ mm access port on the left side of the freezer, convenient to monitor /test/ back-up equipment;
- Upright freezer has ABS drawers, chest freezer has baskets, which are convenient for sample access;
- Equipped universal wheels and leveling feet for easy movement and fixation.

### Control system

- Well-developed Audible & Visible alarm system;
- The equipped built-in data logger can export up to 12 months of temperature data (that has not been exported) through USB port, either automatically or manually;
- The RS485 interface is capable of defining and transferring critical temperature data of the equipment by the MODBUS protocol;
- The microprocessor controller can display temperature in 0.1°C increments;
- The cabinet is equipped with a high-sensitivity temperature sensor to ensure constant internal temperature.

### Refrigeration system

- HC refrigerant with ultra low GWP minimize thermal radiation, meanwhile to reduce HVAC energy consumption.[Comply to SNAP No. 22 Rule];
- Industrial compressor with HC refrigerant realizes energy conservation and environmental protection.

Model	Volume (L)	Temperature(°C)	External Dimensions (W*D*H, mm)	Internal Dimensions (W*D*H, mm)	Net Weight (Kg)
DW-YL90	90	-10~-25	700*669*854	500*485*532	54
DW-YL270	270	-10~-25	746*700*1792	500*460*1235	96
DW-YL450	450	-10~-25	856*789*1960	(650*570*627)*2	136/128/162
DW-YW226A	226	-10~-25	1115*610*890	954*410*703	50
DW-YW358A	358	-10~-25	1350*785*880	1220*545*673	59
DW-YW508A	508	-10~-25	1650*735*880	1504*545*673	74