

The M-Cascade system ULT freezer consists of two stages cascade cooling technology with absolute hydrocarbon refrigerant, which are R290 and R170 as natural gas. The inverter compressors are programmed to help energy saving under long period preservation or provide fast temperature recovery while frequently door open to maintain specimens liveness.

Two-stage Cascade & Variable Frequency Drive Refrigeration

High efficiency frequency conversion compressors enable the operating power to be automatically adjusted according to the heat load, making the equipment energy saving.

Applicable to Various Power Supply Environments

It can work normally under various power supply environments such as 110V60Hz, 220V50Hz, 220V60Hz, ect.

Stable Internal Temperature

Standard SECOP compressors maintain a stable -86°C ultra low temperature environment, that increases efficient sample storage.

Excellent Thermal Insulation Performance

The design of foam inner doors, built-in vacuum insulation board and triple independent silicone sealing strip design make the insulation performance excellent.

Human-oriented

- Ergonomic handle, smooth track and high precision pressure relief valve make it easier to open and close the door;
- 3 division plates are equipped inside to divide the storage area into 4 layers for convenient sample placement; 2 internal doors are also equipped to reducing frosting caused by door opening;
- Stainless steel (SUS304) as the internal material, is durable and easy-to-clean;
- Equipped with 4 heavy casters and 2 balancing feet for easy movement and fixation of the equipment.