

Ultra Low Freezer



Model : YR-979

Ultra Low Freezer

Manufacturer : Kalstein

Price : \$ 59,000.00

Description :

Secure the samples you need to store in ultra-low temperature freezers. Kalstein products offers the perfect combination of trust, cost-effective performance and most important: quality. We present to you the Ultra Low Freezer YR-979, the high-performance freezing device you must have in your laboratory.

Ultra low temperature freezers

The installation dimensions are 926x1511x1107 (DxWxH). The total volume capacity is 128L. The storage temperature ranges from -120 to -164 degrees Celsius. This model weights 245Kg. Did you know this is the coldest freezer in the world? Ultra low temperature freezer with -164 degrees Celsius offers a wide variety of research and storage applications, such as low temperature scientific experiments, preservation of red blood cell, white blood cell, skin, DNA/RNA, bone, bacteria, semen, biomedical products, ocean products, electronic devices, and low- temperature testing of special materials. It is suitable for blood banks, hospitals, sanitation and ant epidemic stations, electronic industries, university laboratories, military industries and pelagic fishery companies.

Control System

This ultra low temperature freezer works with a microprocessor-based temperature controller, where you can adjust the temperature between -120 to -164 degrees Celsius with a digital temperature display. It also has a keyboard lock and password protected configuration page, with a delayed start and safe stop interval function between restart and the end of the cycle. This model comes with a perfect audible and visual alarm that can trigger with a high or low temperature situation, power failure, low battery, door open, filter blocking and a general system failure. So, do not worry about its functioning when you are not around. This freezer also have the option to record 7 days of data temperature with a 72-hour back-up battery for the recorder and controller work.

Structure Design

This is a chest-type structure model, with a stainless steel interior and a painted steel outer body. For more comfort, the YR-979 comes with 4 units of casters so that the handling process is easier. The top door of the freezer comes with a key lock and a great rotatable assistant door handle. There is

Ultra Low Freezer

another great feature: a reliable insulation system with a two time foaming technology and a double seal design with 155mm extra thickness heat insulation. You should also know that it is optional to get a chart recorder, CO2 backup, storage rack/boxes and a remote alarm system.

Ultra low freezer thermometer

This model works with the imported famous brand compressor. It has 'Quick freezing' options that makes almost no noise at all. Also, keep in mind that this model has a unique refrigeration circulation and unipolar compressor oil-lubricated technology. It has a China patent technology of mixture refrigerant and an especially single stage refrigeration design. Finally, it has a VIP board install for good heat preservation.

Model: YR-979

Dimensions (DxWxH) mm: 926X1511X1107.

Total Effective Volume (L): 128.

Storage temperature (°C): - 120°C ~ -164°C.

Weight (kg): 245.

The coldest freezer in the world

-164°C Freezer offers a wide variety of research and storage applications, such as low temperature scientific experiments, preservation of red blood cell, white blood cell, skin, DNA/RNA, bone, bacteria, semen, biomedical product, ocean product, electronic devices, and low- temperature testing of special materials. It is suitable for blood banks, hospitals, sanitation and antiepidemic stations, electronic industries, university laboratories, military industries, pelagic fishery companies.

Control System

Microprocessor-based temperature controller, -120°C~-164°C adjustable, Digital temperature display.

Audible and visual alarm: High or low temperature alarm, Power failure alarm, Low battery alarm, Door open alarm, Filter blocking alarm, system failure alarm.

Keyboard lock and password protected configuration page, Delayed start and safe stop interval between restart and being terminated.

With temperature recorder, 72 hour back up battery for recorder and

Ultra Low Freezer

controller work.

Structure Design

Stainless steel interior, outer is painted steel panel, 4units Casters for easy handing.

Rotatable assistant door handle, Top door with key lock.

Two-times foaming technology, 155mm extra thickness foaming insulation.

Optional: Chart recorder, CO2 back up system, storage racks/boxes, Remote alarm system.

Refrigeration System

Imported famous brand compressor, Quick freezing functions, with lower noise.

Unique refrigeration circulation and unipolar compressor oil-lubricated technology.

VIP board install, for good heat preservation.

Parameters by Model

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Model	Capacity	External Size (WxDxH)mm	Inside size (WxDxH) mm	Input Power	Weight (N. t / G. t)
YR-979	128 L	880*1590*1040	370*600*550	3600W	230/250KG