

DEEP FREEZER -20°C TO -40°C

APPLICATIONS



- The "APS" Ultra-low temperature 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, 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.

CONSTRUCTION AND SALIENT FEATURES :-

- The "APS" Ultra-low temperature Freezer offer a economical solution to wide variety of research and storage applications, such as low temperature scientific experiments, preservation of red blood cell, white blood cell, skin, 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 anti-epidemic stations, electronic industries, university laboratories, military industries, pelagic fishery companies.

ULTIMATE REFRIGERATION TECHNIQUE :-

- The two-time foaming technique is used and it can protect isolation layer form being damaged by low temperature, which is in the world's lead in the aspect of temperature conservation.
- The advanced refrigeration system of two compressors work, Own the independent knowledge property.
- 155mm extra thick insulation effectively reduces loss of cold air.
- Hi- performance compressor with high efficiency condenser fan electro motor.

ADVANCE CONTROLLING TECHNOLOGY :-

- Microprocessor-based temperature control system platinum resistance sensors.
- Inside temperature ranging from -20°C to -40°C can be set freely.
- Digital temperature display.
- Keyboard locks and password protect configuration page.
- Perfect audible and visual alarm systems (high or low temperature alarm, no battery alarm, door open alarm, filter blocking alarm, system failure alarm) ensure the safety of stored articles.

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DESIGNED FOR USER CONVENIENCE :-

- The safety lock can prevent random opening.
- Rotatable assistant door handle, easy opening.
- Adjustable shelves are convenient to place articles.
- Separated inner and outer doors prevent cold air leakage and promote excellent heat insulation.
- Casters wheel mounted for easy handling.

With Microcontroller Digital Controller With LED Display:-

MODEL	:	APS#DF-100	APS#DF-200	APS#DF-250	APS#DF-300	APS#DF-350	APS#DF-400	APS#DF-450	APS#DF-500
Capacity	:	100 Ltrs	200 Ltrs	250 Ltrs	300 Ltrs	350 Ltrs	400 Ltrs	450 Ltrs	500 Ltrs
No. of Shelves	:	2	2	2	3	3	3	4	4
Controller	:	Fitted with Microprocessor Digital Controller with LED display							
Display	:	LED/LCD Display for Set Value(SV) and Process Value (PV)							