

COLD CHAIN PRODUCT

Laboratory/Blood Bank Refrigerator

-25°C/-40°C/-60°C/-86°C/-150°C Freezer

Freeze Dryer

Automatic Ice Maker

Liquid Nitrogen Tank



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SCITEK

ABOUT SCITEK

SCITEK GLOBAL IS PROFESSIONAL MANUFACTURER OF LABORATORY INSTRUMENTS AND MEDICAL DEVICES, CERTIFIED BY ISO9001, ISO13485 AND ISO14001. PRODUCTS ARE CERTIFIED BY ETL, CE AND FDA ETC.

WE LOOK FORWARD TO ESTABLISHING COOPERATION WITH MORE DISTRIBUTORS ALL OVER THE WORLD, AND WORKING TOGETHER TO CREATE GREATER CUSTOMER VALUE. TOGETHER WE WILL BE DIFFERENT.



ISO 14001



ISO 9001



ISO 45001



CE



CE



CE



CE

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-40°C Upright Freezer



Microprocessor control, digital display, adjustable temperature range: -20°C ~ -40°C.



Independent inner door or drawers to avoid more cooling leakage.



Safety lock prevents unauthorized access. Lockable caster design for customer to move as needed.



Advantage

- Clear LED screen and control panel support easy display and operation.
- Lockable universal caster wheels.
- Inner doors or drawer design makes separated storage possible.
- Eco friendly CFC-free refrigerant also save energy.

Ergonomic Design

- Upright door with limit door hinge prevents collision when door opens.
- Controller password protected to avoid unauthorized system modification.
- Lockable universal caster wheels for easy moving.

Reliability

- Audible buzzer and visible flashing temperature alarm system for High/low temperature, power failure, sensor error, door ajar, thermostat failure alarm.
- Safety password protected control panel prevents unauthorized system modification.
- Door lock for storage safety.

Specification

Model		FZ-40V270E	FZ-40V280E	FZ-40V330E	FZ-40V360	FZ-40V530	FZ-40V1000
Capacity (L)		268	278	328	358	528	936
Size (W×D×H)	Internal (mm)	508×455×1137	480×415×1460	508×455×1393	(466×636×625)×2	(651×631.5×635)×2	1000×700×1335
	External (mm)	673×676×1630	659×600×1694	673×676×1886	720×830×1870	900×818×1875	1304×1000×2017
Temperature	Range (°C) at RT. 10~32 °C	-20~-40	-20~-40	-20~-40	-20~-40	-20~-40	-25~-40
	Sensor	NTC	NTC	NTC	NTC	NTC	PTC
	Controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor
Cooling System	Refrigerant	R290 (CFC Free)	R290 (CFC Free)	R290 (CFC Free)	R290 (CFC Free)	R290 (CFC Free)	R404A (CFC Free)
	Defrost	Manual	Manual	Manual	Manual	Manual	Manual
	Compressor (Qty)	CUBIGEL/1	CUBIGEL/1	CUBIGEL/1	CUBIGEL/2	CUBIGEL/2	SECOP/2
Display		Digital display	Digital display	Digital display	Digital display	Digital display	Digital display
Audible & Visible Alarm	Standard	High/Low temperature, Sensor error	High/Low temperature, Sensor error	High/Low temperature, Sensor error	High/Low temperature, Sensor error	High/Low temperature, Sensor error	High/Low temperature, Sensor error
	High Ambient Temperature	/	/	/	Standard	Standard	Standard
	Low Battery	/	/	/	/	/	Standard
	Power Failure Backup System(alarm)	8h	/	8h	8h	8h	72h
Material	Internal	Electro-galvanized steel with antimicrobial powder coating		Electro-galvanized steel with antimicrobial powder coating		Stainless steel grade 304	
	External	Electro-galvanized steel with antimicrobial powder coating		Electro-galvanized steel with antimicrobial powder coating			
Accessories	USB Port	Optional	/	Optional	Standard	Standard	Optional
	Casters	Standard	Standard	Standard	Standard	Standard	Standard
	Remote Alarm Port	Optional/(Free)	/	Standard	Optional	Standard	Standard
	Test Hole (Qty / Diameter (mm))	1/25MM	1/25MM	1/25MM	2/25MM	2/25MM	1/18MM
Shelves / Drawers (Qty)		Shelves/3	Drawers/7	Shelves/4	Shelves/4 Drawers/12	Shelves/4 Drawers/18	Shelves/3
Sound Emission (dB)		48	50	48	49	55	50
Electricity	Power Supply	AC110/220V±10%, 50/60Hz		AC110/220V±10%, 50/60Hz		AC110/220V±10%, 50/60Hz	
	Consumption (W)	309	280	330	345	452	1000
N.W./G.W. (Kg)		98.5/122	110/120	104/126	138/178	192/212	378/413
Shipping Size (W×D×H) (mm)		755×750×1750	720×690×1820	760×755×2000	920×790×1980	980×930×2020	1370×1110×2200

-40°C Combination Refrigerator/Freezer



Advantage

- Clear LED screen and control panel support easy display and operation.
- Lockable universal caster wheels.
- Inner doors or drawer design makes separated storage possible.
- Eco friendly CFC-free refrigerant also save energy.



Height-adjustable shelf trays allow operator to adjust the inside of the chambers according to the size of the samples.



Equipped with separate doors or drawers that suppress the leakage of cold air during opening and closing of the doors.



Safety lock prevents unauthorized access.



Door latch with provision for a padlock for extra protection of samples.

Reliability

- Audible buzzer and visible flashing temperature alarm system for High/low temperature, power failure, sensor error, door ajar, thermostat failure alarm.
- Safety password protected control panel prevents unauthorized system modification.
- Door lock for storage safety.

Ergonomic Design

- Upright door with limit door hinge prevents collision when door opens.
- Controller password protected to avoid unauthorized system modification.
- Lockable universal caster wheels for easy moving.

Specification

Model		RFZ-40V370
Capacity		R:183L F: 185L Total: 368L
Size (W×D×H)	Internal	F:580×626×625mm R:466×636×625mm
	External	720×830×1870mm
Temperature	Range (°C) at RT. 10~32 °C	F: -20 ~ -40 °C R: 2 ~ 8 °C
	Sensor	NTC
	Controller	Microprocessor
Cooling System	Refrigerant	R290
	Defrost	Manual
	Compressor (Qty)	CUBIGEL/1 HUAYI/1
Display		Digital display
Audible & Visible Alarm	Standard	High/Low temperature, Sensor error, Power failure, Condenser clean, Door ajar
	High Ambient Temperature	Standard
	Power Failure Backup System(alarm)	8h
Material	Internal	Electro-galvanized steel with antimicrobial powder coating
	External	Electro-galvanized steel with antimicrobial powder coating
Accessories	USB Port	Standard
	Castors	Standard
	Remote Alarm Port	Optional/(Free)
	Data logger	Optional
	Test Hole (Qty) / Diameter (mm)	2/25mm
Shelves / Drawers (Qty)		Shelves/2 Drawers/6
Sound Emission (dB)		50
Electricity	Power Supply	AC 110/220V ± 10%, 50/60Hz
	Consumption	458W
N.W./G.W.		145/175kg
Shipping Size (W×D×H)		780×920×2000mm

-40°C Upright Freezer



-40°C Upright Freezer

-40°C Upright Freezer

Advantage

- Ultra-thick foam layer and double-sealed door effectively protect the freezer's internal temperature.
- Cooling system is optimized for self-replication, and the imported compressor provides strong and efficient refrigeration capacity.
- Built in stainless steel shelves, easy to use and to clean.
- Safety lock prevents unauthorized access.
- Universal casters design, easy to move.

Reliability

- Audible and visible alarm: High and low temperature & sensor error alarm.
- Wide voltage band design, suits for 187V ~ 242V AC voltage.
- Stainless steel 304 internal and shelves, anti-rust for longer life.
- Door lock design to prevent unauthorized access.

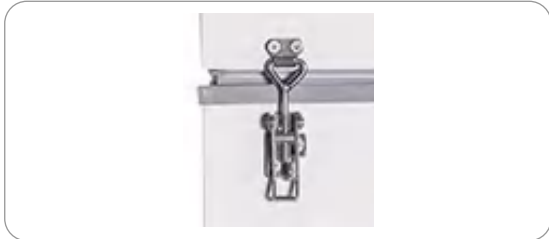
Specification

Model		FZ-40V410	FZ-40V610	FZ-40V710	FZ-40V810
Capacity (L)		408	608	708	808
Size (W×D×H)	Internal (mm)	550×630×1140	700×680×1255	850×735×1170	850×735×1335
	External (mm)	850×960×1860	940×980×1920	1090×1010×1860	1090×1010×2025
Temperature	Range (C)	-15 ~ -45 C , adjustable	-15 ~ -45 C , adjustable	-15 ~ -45 C , adjustable	-15 ~ -45 C , adjustable
	Sensor	PTC	PTC	PTC	PTC
	Controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor
Cooling System	Refrigerant	Mixed with CFC free	Mixed with CFC free	Mixed with CFC free	Mixed with CFC free
	Defrost	Manual	Manual	Manual	Manual
	Compressor (Qty)	SECOP/2	SECOP/2	SECOP/2	SECOP/2
Display		LED	LED	LED	LED
Audible &Visible Alarm	High/Low Temperature	Standard	Standard	Standard	Standard
	Abnormal Ring Temperature	Optional(LCD)	Optional(LCD)	Optional(LCD)	Optional(LCD)
	Sensor Failure	Standard	Standard	Standard	Standard
	Condenser Dirty Blockage	Optional (LCD)	Optional (LCD)	Optional (LCD)	Optional (LCD)
	Low Battery	Optional (LCD)	Optional (LCD)	Optional (LCD)	Optional (LCD)
	Power Failure	Optional (LCD)	Optional (LCD)	Optional (LCD)	Optional (LCD)
	Door Ajar	Optional (LCD)	Optional (LCD)	Optional (LCD)	Optional (LCD)
Material	External	Electro-galvanized steel with antimicrobial powder coating			
	Inner Door	304 stainless steel			
Accessories	Casters	Standard	Standard	Standard	Standard
	Temperature Recorder	Optional	Optional	Optional	Optional
	Test Hole (Qty) / Diameter (mm)	1/18	1/18	1/18	1/18
Shelves(Qty)		3	3	3	3
Sound Emission (dB)		60	60	60	60
Electricity	Power Supply	220V, 50/60Hz; 110V, 60Hz			
	Consumption (W)	420	810	820	850
N.W. / G.W. (kg)		200/250	265/295	285/315	300/330
Shipping Size (W×D×H) (mm)		930×1060×2010	1020×1080×2070	1170×1110×2010	1170×1110×2175

-40°C Chest Freezer



Digital display for easy observation



Door lock design to avoid abnormal door open.

Advantage

- Clear LED screen and control panel support easy display and operation.
- Lockable universal caster wheels.
- Inner doors or drawer design makes separated storage possible.
- Eco friendly CFC-free refrigerant also save energy.

Reliability

- Audible buzzer and visible flashing temperature alarm system for High/low temperature, power failure, sensor error, door ajar, thermostat failure alarm.
- Safety password protected control panel prevents unauthorized system modification.
- Door lock for storage safety.

Ergonomic Design

- Upright door with limit door hinge prevents collision when door opens.

- Controller password protected to avoid unauthorized system modification.
- Lockable universal caster wheels for easy moving.



Specification

Model		FZ-40H110	FZ-40H310	FZ-40H490
Capacity (L)		105	305	485
Size (W×D×H)	Internal(mm)	480×380×665	1000×520×665	1455×525×665
	External(mm)	694×686×942	1210×833×941	1667×863×949
Temperature	Range (°C) at RT.10~32 C	-20~-40	-20~-40	-20~40
	Sensor	NTC	NTC	NTC
	Controller	Microprocessor	Microprocessor	Microprocessor
Cooling System	Refrigerant	R290 (CFC Free)	R290 (CFC Free)	R290 (CFC Free)
	Defrost	Manual	Manual	Manual
	Compressor (Qty)	CUBIGEL/1	CUBIGEL/1	CUBIGEL/1
Display		Digital display	Digital display	Digital display
Audible&Visible	Standard	High/Low temperature, Power failure, sensor error, Temperature controller failure		
Alarm	Power Failure Backup System (Alarm)(h)	12	12	12
Material	Internal	Stainless steel, grade 304	Electro-galvanized steel with antimicrobial powder coating	Stainless steel, grade 304
	External	Electro-galvanized steel with antimicrobial powder coating		
Accessories	USB Port	/	/	/
	Casters	Standard	Standard	Standard
	Remote Alarm Port	/	/	/
	Test Hole (Qty)/ Diameter (mm)	1/25	1/25	1/25
Shelves / Drawers (Qty)		/	/	/
Sound Emission (dB)		50	50	55
Electricity	Power Supply	AC110/220V±10%, 50/60Hz	AC110/220V±10%, 50/60Hz	AC110/220V±10%, 50/60Hz
	Consumption (W)	175	162	300
N.W./G.W. (Kg)		62/70	80/85	124/138
Shipping Size (W×D×H) (mm)		770×705×1090	1300×850×1100	1760×880×1070

-40°C Chest Freezer



-40°C Chest Freezer

Description:

The -40°C Chest Freezer is mainly used for scientific research institutions, ultra-low temperature experiments with special materials, electronics industry, chemical industry, military industry, university laboratories, bioengineering, offshore fisheries, etc.

Advantage:

- Microcomputer control, real-time temperature display, temperature with 0.1°C increment .
- High and low temperature alarm function, alarm temperature value can be set as required.
- Inner chamber temperature is adjustable; Alarm temperature could be customized as requirements.
- Built in adjustable stainless steel shelf, easy to use and to clean.
- Food grade stainless steel inner chamber, safe and secure.
- Heavy duty caster design, easy to move.
- Safety door lock is designed to prevent random opening.

Refrigeration system

- Ultra-thick foam layer and double-sealed door effectively protect freezer's internal temperature.
- Cooling system is optimized for self-replication, and the imported compressor provides strong and efficient refrigeration capacity.
- German EBM fan, stable performance and low noise.

Safety system

- Audible and visible alarm: high and low temperature & sensor error alarm.
- Multiple protection functions: frequent start-up protection, refrigeration system keeps running in case of sensor failure.



-40°C Chest Freezer

Specification

Model		FZ-40H220	FZ-40H420
Capacity (L)		220	420
Size (W×D×H)	Internal (mm)	960×470×600	1480×470×680
	External (mm)	1160×765×885	1680×765×985
Temperature	Range (°C)	-15 ~ -45 °C , adjustable	-15 ~ -45 °C , adjustable
	Sensor	PTC	PTC
	Controller	Microprocessor	Microprocessor
Cooling System	Refrigerant	Mixed with CFC free	Mixed with CFC free
	Defrost	Manual	Manual
	Compressor (Qty)	SECOP/1	SECOP/1
Display		LED	LED
Audible&Visible Alarm	High/Low Temperature	Standard	Standard
	Sensor Failure	Standard	Standard
Material	External	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating
	Inner Door	304 stainless steel	304 stainless steel
Accessories	Casters	Standard	Standard
	Temperature Recorder	Optional	Optional
	Test Hole (Qty) / Diameter (mm)	1/18	1/18
Shelves / Drawers (Qty)		\	\
Sound Emission (dB)		60	60
Electricity	Power Supply	220V, 50/60Hz; 110V, 60Hz	220V, 50/60Hz; 110V, 60Hz
	Consumption (W)	380	480
N.W./G.W. (Kg)		106/136	146/176
Shipping Size (W×D×H) (mm)		1260×845×1035	1780×845×1135