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Plasma Freezer -40°C

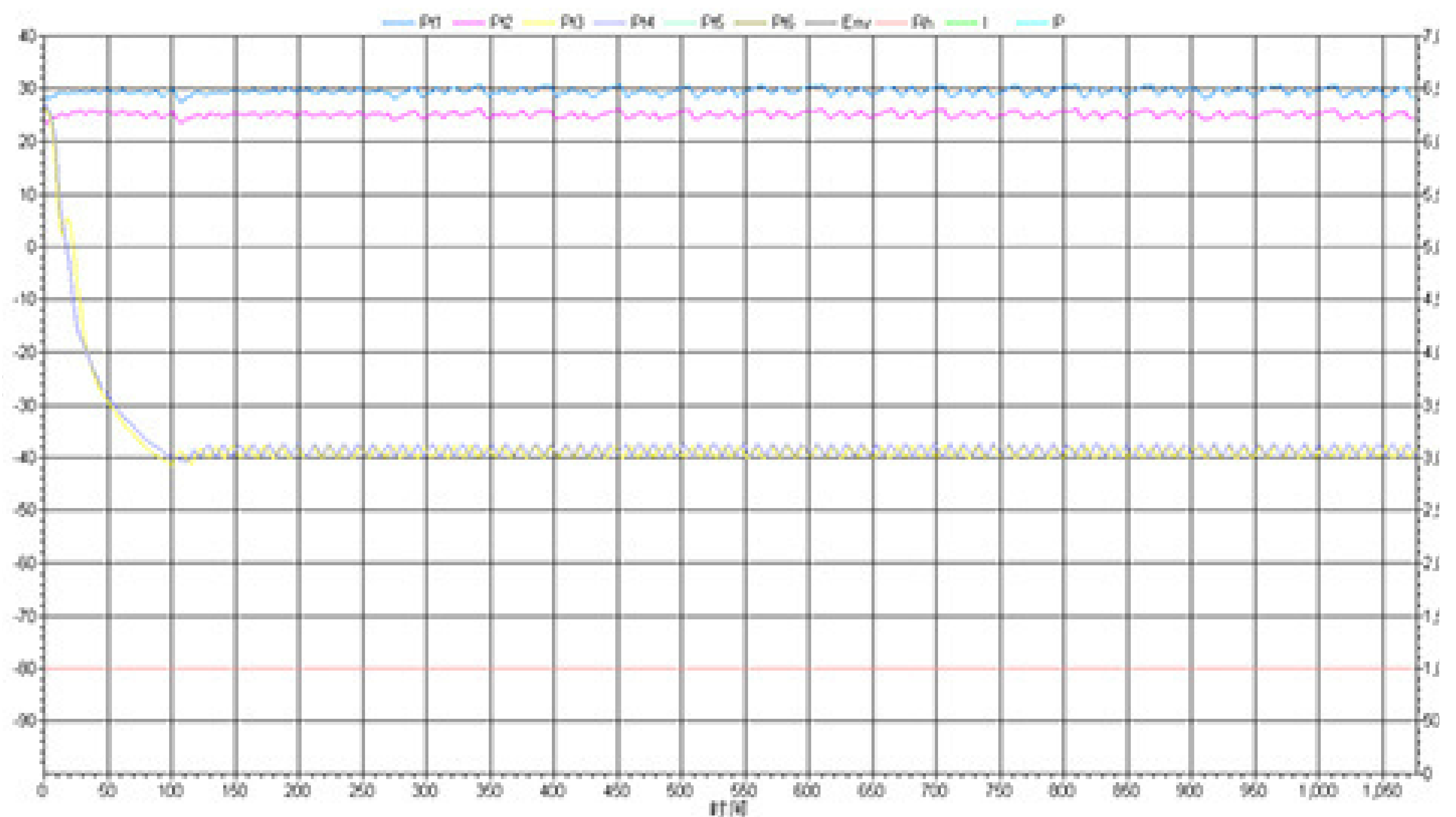


**-40°C Ultra-Low Temperature
Medical Freezer TI-DF40-450**

● Features

- Two door ultra low temperature with dual display system
- The digital temperature display can indicate operating status clearly
- The high-precision microcomputer temperature control system enables users to set the temperature inside the cabinet within a range from -20°C to -40°C
- The environmentally friendly Freon-free refrigerant and high-efficiency enclosed compressor supplied by a famous brand can ensure energy saving and low noise The condenser installed on the bottom ensures temperature stability and system reliability
- The CFC-free polyurethane foam technology and the thicker insulating layer can improve the effect of thermal insulation
- The well-developed audible & visual alarm system makes it safer for storage
- The turn-on delay and stopping interval protection function can ensure reliability in running
- The door is equipped with a lock, improving security of sample storage.

● Mappings



Structure



- •Two compressors for temperature control separately
- •Environmentally friendly Freon-free refrigeration system
- •Dustproof door gasket can be easily cleaned
- •High-precision microcomputer temperature control
- •Audible & visual security system.

Overview

-20°C ~-40°C Ultra-low temperature freezer TI-DF40-450 is special for medical freezer and lab freezer. This Ultra-low temperature freezer is designed with two compressors and two chambers, which allows you to control the upper chamber and lower chamber independently. And the high-precision microcomputer temperature control system has the ability to set the temperature inside the cabinet in the range of -20°C ~-40°C. The built-in door gasket can perfect maintain a constant inside temperature and is easy to clean. The Ultra-low temp freezer is best for storage of various medical and scientific materials, including reagent, and more.

Environmentally Friendly Refrigeration System

The environmentally friendly Freon-free refrigerant and high-efficiency enclosed compressor supplied by a famous brand can ensure energy saving and low noise. The condenser installed on the bottom ensures temperature stability and system reliability.

High-precision Temperature Control

The high-precision computerized temperature control system ensures an adjustable temperature within a range from -20 to -40°C inside the cabinet. The freezer is equipped with two compressors, so independent control of the upper chamber and lower chamber can be realized.

Audible & visual Security System

The well-developed audible & visual alarm system (sensor failure alarm, door ajar alarm, high temperature/low temperature alarm, communication failure etc.) makes it safer for storage; The turn-on delay and stopping interval protection function can ensure reliability in running.

Human-oriented Design

The arc angle-shaped door frame and cabinet design makes its appearance more attractive. The built-in door gasket is dustproof and easy to clean. Each of the refrigerating chamber and the freezing chamber is equipped with 6 drawers, which are convenient for storage of things.

Model	TI-DF40-450
Cabinet type	Upright
Capacity(L)	450
Internal size(W*D*H)mm	(650*570*627)*2
External size(W*D*H)mm	810*735*1960
Package size(W*D*H)mm	895*820*2135
NW/GW(Kgs)	144/172
Performance	
Temperature range	-20 ~ -40°C
Ambient temperature	16-32°C
Cooling performance	-40°C
Climate class	N
Controller	Microprocessor
Display	Digital display
Refrigeration	
Compressor	2pcs
Cooling method	Direct cooling
Defrost mode	Manual
Refrigerant	R290
Insulation thickness(mm)	L/R:80, B:80

Construction	
External material	PCM
Inner material	Aluminum plate with spraying
Shelves	6*2(ABS)
Door lock with key	Yes
Door	2
Access port	2pcs. Ø 25 mm
Casters	4(2 casters with brake)
Data logging/Interval/Memory capacity	USB/Record every 10 minutes / 1000,000data
Backup battery	Yes
Alarm	
Temperature	High/Low temperature,High ambient temperature
Electrical	Power failure, Low battery
System	Sensor failure,Built-in USB datalog failure,Door ajar, communication error
Accessory	
Standard	RS485,Remote alarm contact