

LD3 Ophthalmic Cryotherapy Unit



Product features:

Express frozen, thawed

Frozen, thaw the process of fast, the time required for no more than 6 seconds, effectively reduce the tissue damage and slow down in patients not suited flu.

Written client frozen frozen

During the operation, only in the frozen parts of pen-side implementation of the first frozen, to avoid an accident in neighboring organizations frostbite.

Simple

Frozen, thawed by the foot control switch control, surgery, just down, lifted the two movements can be easily implemented frozen, thaw operation.

Clear status display

Panel status indicator lights and temperature display lights, can clearly show the current state of equipment is in a frozen or thawed, and frozen written side of the current temperature.

Efficient and reliable performance

Key control system components, using the United States, Japan and other countries of the quality products, and by rigorous testing, so that equipment can be a long-term, efficient, reliable work.



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Basic structure

High purity gas source

CO2 gas source for medical gases, the purity of more than 99%, packed in non-siphon-type cylinder, the gas source pressure range 5Mpa ~ 7Mpa (hospital-owned).

Control Box

Control box pressure gauges, temperature detection system, piping system components. From the gas source of the high-pressure gas cylinders, the to adjust the pressure of job requirements, the importation of piping systems, pressure gauges at the same time also shows that the pressure value, temperature indicator light shows the actual client written frozen temperature, freezer temperature changes when the lights are synchronized movements. Pipeline system to control gas flow, the implementation of the functions of frozen or thawed.

Foot control switch

Foot-controlled pipeline system in the switch control solenoid valve to open, turn off, regulate air flow direction so that the implementation of chilled or frozen thawed pen operation.

Frozen T

Chilled and frozen pen by the handle of the first component, the first frozen different for different operations, such as the first frozen ϕ 1.5 straight pen can be used for cataract surgery, ϕ 2.5 Elbow frozen pen can be used for retinal surgery, glaucoma surgery and the general selection ϕ 2.5 ~ 4 frozen head. Retinal frozen contents pen has thermocouple, can be measured early end of the actual temperature, the temperature indicator lights displayed.

Technical parameters:

Frozen speed	<6 seconds
Thaw speed	<6 seconds
Freezing temperature	Minimum -65 ° C
Working pressure	3.5 ~ 5Mpa
Refrigerants	Medical CO2 purity over 99%
Supply voltage	220V 50Hz



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