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.
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 φ1.5 straight pen can be used for cataract surgery, φ2.5 Elbow frozen pen can be used for retinal surgery, glaucoma surgery and the general selection φ2.5 ~ 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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