

STANDARD Model

4 types of tips available

Cryoalfa's standard model is a compact and reliable cryosurgical device that features an easy-to-replace gas cartridge, which can be detached very simply with no gas leakage. Although basic, each of the standard model instruments presented below is capable of performing a surprisingly wide range of veterinary use.

- Its pencil-type grip makes your operation simple and easy.
- Provides -89°C freezing with the maximum depth of 3 mm.
- Freezing time can be controlled accurately by pressing and releasing the lever.



The Innovative Way of Cryosurgery



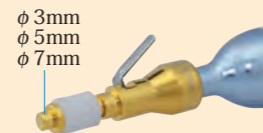
CA-S-L-VET SUPER Liquid



This unit includes:

- $\phi 1\text{mm}$
- This unit includes:
- $\phi 1\text{mm}$ liquid freezing glass tip
- 16g gas cartridge
- Carrying case
- User guide

CA-S-C5-VET SUPER Contact



This unit includes:

- $\phi 5\text{mm}$ gold-plated contact tip
 - 16g gas cartridge
 - Carrying case
 - User guide
- C3 ($\phi 3\text{mm}$) and C7 ($\phi 7\text{mm}$) are also available.

STANDARD Models

- CA-S-L-VET Liquid $\phi 1\text{mm}$ JPY80,000
- CA-S-C3-VET Contact $\phi 3\text{mm}$ JPY98,000
- CA-S-C5-VET Contact $\phi 5\text{mm}$ JPY86,000
- CA-S-C7-VET Contact $\phi 7\text{mm}$ JPY97,000
- CA-S-C3/C5/C7-VET **BARGAIN** JPY230,000
3, 5, and 7 mm contact tips included

Gas Cartridges

- CA-K-V16 JPY8,000/each; JPY28,000/4-cartridge pack
- CA-K-V25 JPY10,000/each; JPY35,000/4-cartridge pack

Gas Cartridge (with valve)

CA-K-V16 16g



Protective Cap

Freezing Time

4-6 minutes (using Standard Models)

CA-K-V25 25g

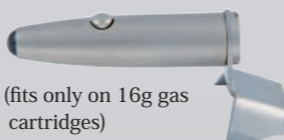


Protective Cap

Freezing Time

9-12 minutes (using Standard Models)

LED Light



LED at work

The Gold Standard

of Cryosurgical Device



Cryoalfa treats lesions on the skin by locally freezing the target site for 6–10 seconds with the temperature of -89°C enabled by nitrous oxide.



Cryosurgery first appeared as a novel treatment method using N_2 gas in 1950, and since then it has been employed widely around the world. Pencil-type freezing devices using N_2 have also been available since 1960s.

Year by year, steady improvements have been made and today it has reached one significant stage, the advent of pencil-type devices using N_2O gas.

Further development of this N_2O pencil-type device for its better use is also in progress, even today.



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CRYOALFA

New

MULTI Model

More and more types of tips are being developed for various ways of use.



*Actual size

12 different tips for various aims of use

- The gas cartridge can be detached easily without gas leaking (patented technology).
- Three sizes of contact tips (ϕ 3, 5, and 7 mm) and four sizes of liquid tips (ϕ 1, 2, 3, and 4 mm) are available.
- The tip can be replaced with 12 different types of applicators.
- No special maintenance work is required.

Patented in the US and Japan (Japan: Patent Number 4605809)



Accurate spraying of gas using a valve lever

How long can the gas cartridge be used?

- 16 g: approximately 4-6 minutes (using Standard Model)
- 25 g: approximately 9-12 minutes (using Standard Model)
- The pressure within the cartridge remains same at 50 atmospheres until it runs out.

How long is the storage limit of the gas cartridge?

- Its patented structure allows the leakage of contained gas to be less than 1% per year.
- The temperature of its storage should be 50°C or less. No huge storage required.
- The cartridge can be stored and transported without any problem, as the contained gas is N₂O.

What is contained in the cartridge?

- The cartridge has a built-in 5 μ m filter and sprays sterilized gas for clinical use.
- The N₂O gas contained in the cartridge allows effective freezing with the temperature of -89°C , maintaining the pressure of 50 atmospheres until it runs out.

Technical Information of Cryoalfa

- Freezing Temperature: Constantly -89°C
- Freezing Capacity: 18-22 W
- Freezing Rate: 100 km/min
- No gas leakage from cartridges

New

CA-L-Vet

- CA-M-DST-VET glass tip for liquid freezing ϕ 1mm \times L10mm
- CA-L-VK-VET body with lever
- CA-K-V16 16g gas cartridge



- The simplest liquid freezing unit with basic equipment.
- ϕ 1 mm glass tip (length: 10 mm) included.

New

CA-L-C5-Vet

- CA-M-C5-VET gold-plated contact tip ϕ 5mm
- CA-L-VK-VET body with lever
- CA-K-V16 16g gas cartridge



- This unit with the ϕ 5 mm gold-plated contact tip (C5) is commonly used as the basic unit for contact freezing. ϕ 3 mm (C3) and ϕ 7 mm (C7) contact tips are also available.
- Pressing the contact tip against the skin for 3-10 seconds enables the consistent and effective freezing of the target lesion with no gas scattering.

New

CA-L-L/D4-VET

- CA-M-DST-VET glass tip for liquid freezing ϕ 1 mm
- CA-M-D4-VET glass tip for liquid freezing ϕ 4 mm
- CA-L-VK-VET body with lever
- CA-K-V16 16g gas cartridge



- Special price is offered for this combination of ϕ 1 mm and ϕ 4 mm glass tip for liquid freezing, and ϕ 5 mm gold-plated contact tip.

New

CA-L-L/D4/C5-VET

- CA-M-DST-VET glass tip for liquid freezing ϕ 1 mm
- CA-L-D4-VET glass tip for liquid freezing ϕ 4 mm
- CA-M-C5-VET gold-plated contact tip ϕ 5 mm
- CA-L-VK-VET body with lever
- CA-K-V16 16g gas cartridge



- Special price is offered for this combination of ϕ 1 mm and ϕ 4 mm glass tip for liquid freezing, and ϕ 5 mm gold-plated contact tip.

New

CA-L-L/C5-VET

- CA-M-DST-VET glass tip for liquid freezing ϕ 1 mm
- CA-M-C5-VET gold-plated contact tip ϕ 5 mm
- CA-L-VK-VET body with lever
- CA-K-V16 16g gas cartridge



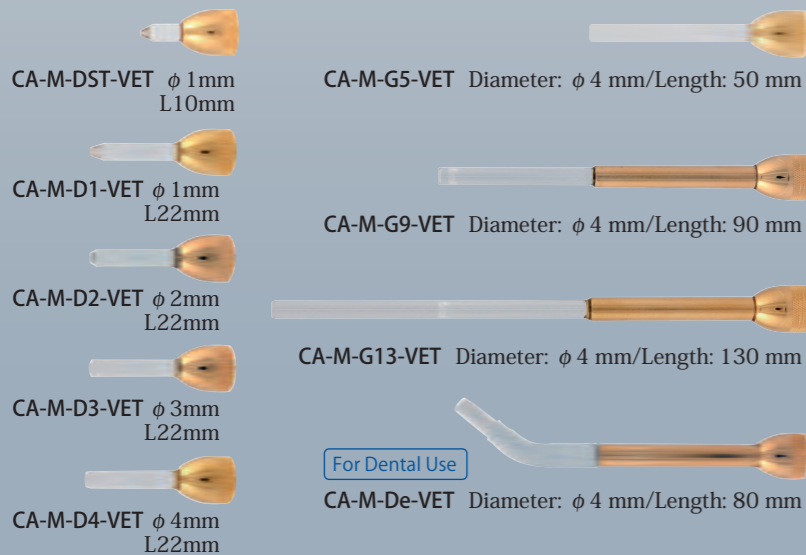
- Try both the ϕ 1 mm liquid freezing and the ϕ 5 mm contact tip with this bargain pack.

MULTI Models

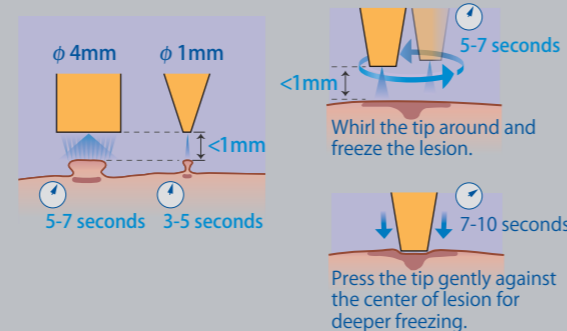
- CA-L-VET JPY140,000
Liquid freezing ϕ 1 mm
- CA-L-C5-VET JPY155,000¥
Contact ϕ 5 mm
- CA-L-L/D4-VET JPY150,000 **BARGAIN PACK**
Liquid freezing ϕ 1 mm and ϕ 4 mm
- CA-L-L/D4/C5-VET JPY180,000 **BARGAIN PACK**
Liquid freezing ϕ 1 mm and ϕ 4 mm
Contact ϕ 5 mm
- CA-L-L/C5-VET JPY170,000 **BARGAIN PACK**
Liquid freezing ϕ 1 mm
Contact ϕ 5 mm
- CA-P-VET JPY180,000
Liquid freezing ϕ 1 mm
- CA-P-C5-VET JPY184,000
Contact ϕ 5 mm

Tip Applicators

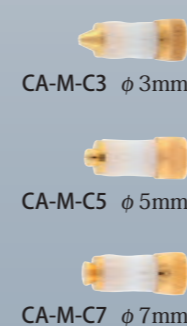
9 types for liquid freezing



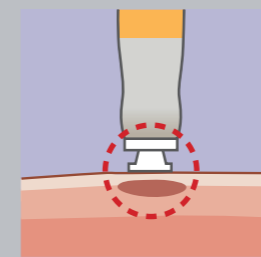
- 1 mm liquid freezing is the best choice for relatively small lesions ranging from ϕ 2 to 3 mm.
- ϕ 3-7 mm contact tips are recommended for lesions ranging from 3 to 7 mm.
- ϕ 3 or 4 mm liquid freezing (D3/D4) are recommended for the treatment of lesions ranging approximately from 1 to 2 cm and reaching deep inside the skin.



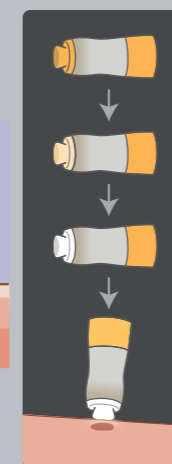
3 types for contact freezing.



- Simply press the contact tip against the skin and it will evenly freeze the target lesion without gas scattering.



Most effective for lesions the depth of which is flat.



Press the lever.
7 seconds

The gold-plated tip starts to turn white.

The tip turns completely white.
15-20 seconds

Keep holding down the lever, and press the tip against the skin for 3-7 seconds to freeze the lesion.

ACCESSORIES

- CA-L-VK-VET JPY100,000
- CA-M-DST-VET JPY49,000
- CA-M-D1, D2, D3-VET JPY53,000/each
- CA-M-G5, G9, G13-VET JPY94,000/each
- CA-M-G5-13-VET JPY210,000 **BARGAIN PACK**
(3 tips included)
- CA-M-De-VET JPY94,000
- CA-M-C3-VET JPY68,000
- CA-M-C5-VET JPY65,000
- CA-M-C7-VET JPY70,000
- CA-M-C3-7-VET JPY154,000 **BARGAIN PACK**
(3 tips included)
- CA-M-D1-4-VET JPY154,000 **BARGAIN PACK**
(4 tips included)