

# LIQUID FREEZING<sup>®</sup>

The innovative way of cryosurgery



 **CRYOALFA<sup>®</sup>**

# Innovative cryosurgery at -89°C

Cryoalfa® is a portable and effective device for removal of warts, skin tags, fibroma, keratosis, hemangioma, solar lentigo and other common skin lesions. Cryosurgery treatment is recognized as a low pain treatment without need for preparation or follow-up care. The Cryoalfa® devices have been developed during a long time and thus have a unique performance. The unique cartridge construction with the built-in valve prevents leakage of content. Cryoalfa® devices are safe to use and do not require any maintenance at all.



**Effective** - Delivers a constant freezing temperature of -89°C directly at the treatment site. With a millimeter precision Cryo-alfa® delivers same result every time. Freezing of the skin lesions to the depth of 3 mm by a diameter of 10 mm is reached after an application time of 12 seconds.

**Convenient** - Cartridges are easily exchanged and have a freezing capacity of 270/360 seconds for the 16/25 gram cartridge, allowing for up to 100 freezing sessions per cartridge depending on the lesion being treated.

**Economical** - Low-cost per treatment, environmentally friendly since only the cartridge has to be replaced.

## Liquid Freezing®

Cryoalfa® uses Liquid Freezing® where N<sub>2</sub>O (nitrous oxide) is brought directly through a micro capillary to the treatment site. The freezing effect and temperature are constant at -89°C during the treatment. Freezing of a tissue to a depth of 3 mm by a diameter of 10 mm will be reached after approximately 12 seconds.





## Standard range

---

Cryoalfa's most popular devices for medical professional day to day use. Uses cartridges with valves. Freezing tip fixed, not exchangeable.

### SUPER model

Cryoalfa® | SUPER for Liquid Freezing®

Cryoalfa® | SUPER for contact freezing\*



## Multi range

---

For the specialists that works with more advanced cryosurgery. Large selection of exchangeable freezing tips for different type of skin lesions. Uses cartridges with valves.

### LUX model

Cryoalfa® | LUX for Liquid Freezing®

Cryoalfa® | LUX for contact freezing\*



### PREMIUM model

Cryoalfa® | PREMIUM for Liquid Freezing®

Cryoalfa® | PREMIUM for contact freezing\*



## Basic range

---

Same functions as with the Standard SUPER model but uses cartridge without valves. Only recommended for medical specialists who use more than one cartridge per week.

### PERFECT model

Cryoalfa® | PERFECT for Liquid Freezing®

Cryoalfa® | PERFECT for contact freezing\*

\* Contact freezing has a temperature of -80°C not -89°C as with Liquid Freezing®

## Selection of accessories

Wide range of freezing tips developed for various applications designed for Cryoalfa® | LUX, PREMIUM.

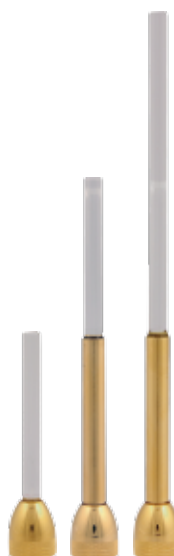
### Tip for Liquid Freezing®

Glass tip wide ø1, 2, 3, 4 mm, length 22 mm



### Gynecology tip for Liquid Freezing®

Glass tip wide ø4 mm, length 5, 9, 13 cm



### Dental tip 45°

Glass tip wide ø4 mm, length 8 cm



### Tip for contact freezing

Contact surface ø3, 5, 7 mm



### LED Light

Available for models with 16 gram cartridges



## Consumables

Cryoalfa® offers two types of cartridges, with and without valve. The N<sub>2</sub>O gas is of medical quality, filtered to 5 µm.

### Cartridge 16 or 25 gram with valve



Cartridge designed to work with the Cryoalfa® | SUPER, LUX, PREMIUM

Packed in box with 4 cartridges

### Cartridge 16 or 25 gram without valve



Cartridge designed to work with the Cryoalfa® | PERFECT, PRO

Packed in box with 4 cartridges



Cryoswiss GmbH is the inventor of the patented technology Liquid Freezing®

Patented technology in USA, Canada, China, Hong Kong, Japan – other international patents are pending.

Cryoalfa® and Liquid Freezing® are registered trademarks of CryoSwiss GmbH.

#### Address

Cryoalfa Europe LTD  
Bernhard-Voss-Strasse 25A  
01445 Radebeul  
Germany

#### Telephone

+49 351 795 1866

#### E-mail

info@cryoalfa.com

#### Fax

+49 351 795 1803

#### Website

www.cryoalfa.com