



Cryosurgery

Cryosurgery has been an accepted treatment method in veterinary surgery for a long time. The JorVet Cryogun® is a versatile hand-held unit. The hand-held container is filled with liquid nitrogen from a larger storage Dewar. Numerous probes can be attached to fit any application.

Two complete kits are available:

- Small Animal Cryo Kit
- Large Animal Cryo Kit

The Small Animal Kit uses the mini cryogun for ease of handling. The Large Animal or mixed practice use the standard cryogun. Additional probes or attachments can be added as needed.



Cryosurgery

SMALL ANIMAL KIT

- J810** Includes 3 different apertures; 18mm cryochamber, 1cm flat probe, malleable extension and mini cryogun plus cryovideo.
Cryogun 25cm high, weighs 0.3kg, capacity 0.3 liter

LARGE ANIMAL KIT

- J810A** Includes same as J810 only uses standard cryogun.
Cryogun 28cm high, weighs 0.5kg, capacity 0.5 liter

OPEN SPRAY ATTACHMENTS

Are used for lesions on outside of the body. The bigger the aperture, the larger the volume of spray dispensed.

APERTURE – Straight Spray Attachment

- J810AA** 0.04" – opening site
J810B 0.031"
J810C 0.022"**
J810D 0.016"
J810E 0.013"

** **Most popular**



STRAIGHT SPRAY EXTENSION

Used to reach deep recessed areas

- J810CA** Spray Needle 16g x 1 1/2"
J810CB Spray Needle 18g x 1 1/2"
J810CC Spray Needle 20g x 1 1/2"
J810CD Straight Spray Extension
J810CE Bent Tip Spray Extension 3" x 20g



CRYOCHAMBER

Permits precise confined spray. Liquid nitrogen pools over deep lesions. Suggested to be used with malleable extensions (J810ra)

- J810DA** 6mm
J810DB 10mm
J810DC 15mm
J810DD 18mm
J810DE 31mm



CLOSED PROBES

Only the tip is cooled via a hollow tube down the probe. A side port vents the liquid nitrogen.

CONICAL SHAPED CLOSED PROBE

These probes are inserted into large or ulcerated lesions, thereby markedly increasing the surface area of the freeze.

- J810EA 1mm
- J810EB 2mm
- J810EC 3mm
- J810ED 4mm
- J810EF 5mm
- J810EG 6mm
- J810EH Sharp Pointed Conical

FLAT PROBES

Circular—Useful for wide flat lesions; i.e. squamous cell carcinoma, and sarcoids.

- J810FA 1cm (diameter)
- J810FB 2cm
- J810FC 2.5cm
- J810FD 3cm
- J810FE 5cm

CONCAVE PROBE

- J810F For large, raised lesions

ELLIPTICAL PROBE

- J810GK 3.5mm x 9.5mm
- J810GM 7mm x 21mm

MINI PROBES

Used to treat eyelid margin and corneal lesions. Gently curved to allow visualization and precise control.

- J810GA 1mm
- J810GB 2mm
- J810GC 3mm
- J810GD 4mm
- J810GE 5mm
- J810GF 6mm
- J810GG Rectangular 1.5mm x 3mm
- J810GH Rectangular 2.5mm x 5mm
- J810GK Neurectomy probe: specially designed extension allows positioning of apertures at bottom of cryogun. This allows cryogun to be better positioned over treatment area.



PALATE PROBES

Shaft Angled at 80° for easier visualization

- J810HA 6mm
- J810HB 10mm
- J810HC 19mm
- J810HD Beveled probe



Malleable Extension

MALLEABLE EXTENSION

Used with any spray tip or contact probe to change angle of spray while keeping unit upright.

- J810RA Malleable extension
- J810RB Right angle adapter



Back Vent Adapters

MISCELLANEOUS ACCESSORY ITEMS

- J810J **Back Vent ADAPTERS:** Eliminates intermittent spray and increases nitrogen flow when used with small contact probes and smaller apertures.
- J810KA **Carrying Case:** With foam padding.
- J810M **Cryoplate:** A transparent lexan plate with 4 various size conical openings. Used to concentrate spray within a limited area.
- J810N **Cryocones:** Set of 6 neoprene cones that are used to concentrate or direct spray within a limited area.
- J810S **Quick Disconnect:** Allows the surgeon to rapidly change probes.
- J810T **Cryotote:** Allows easy transport of cryogun with 2 pockets for probe storage. Velcro closure.
- J810U **Luerlock Adapter:** Adapt your own needles to this luerlock fitting.
- J810Z **Ferret Adrenal Gland Probe:** Specially designed probe for freezing adrenal gland tumors in ferrets.



Cryoplate



Cryocones



Cryotote

STORAGE EQUIPMENT

New and improved dewar allows for longer storage of liquid nitrogen—up to 300 days.

- J811E **20 Liter Dewar**
- J811J **Withdrawal Tube:** Inexpensive, simple, and efficient way to extract liquid nitrogen from Dewar storage to your cryogun. Please supply manufacturer, model number, and capacity of Dewar when ordering.
- J811K **Cryosurgery Techniques CD ROM**
- J811M **Cryosurgery in Horses Handbook**



Storage Equipment



Withdrawal Tube



Cryosurgery CD ROM

1450 North Van Buren Ave.
Loveland, Colorado 80538

1-800-525-5614 • Fax: 970-663-5042

email: info@jorvet.com



Jorgensen Labs, Inc.