

Vetrix

healing by light



Miran CO2 Surgical Laser

- > Enhanced surgical techniques
- > Improved patient care
- > Efficient clinical results
- > Super pulse & other pulsing techniques
- > Easy maneuverability, no power loss
- > No per-case cost
- > Application training on site
- > Workshops participation

Why Miran CO2 Laser?

The Miran CO2 laser emits continuous or pulsed infrared radiation which is highly absorbed in water. Since any soft tissue is composed mainly of water, tissue at the focal point of the laser beam is instantaneously vaporized, leaving behind a thin necrotic layer of tissue which assures hemostasis.

The CO2 is the most efficient laser in ablation (vaporization) of soft tissue areas and allows non-contact surgery with contrast to other surgical modalities.

Vetrix is devoted to improve patient care, safety and clinical efficiency by assisting veterinary professionals in their efforts to stay abreast of changes in technology and veterinary practice.



Miran CO2 Surgical Laser

Advanced surgical solutions in Veterinary applications



Benefits:

- > Decreased Pre and Post-Operative Pain
- > Reduced Post-Op Swelling and Scarring
- > Accurate Incisions, Excisions and Vaporization
- > Clear and Dry Operative Field
- > Highly Sterile Surgery
- > Unwanted Charring and Thermal Necrosis
- > Reduced Blood Loss
- > Reduced Need for Anesthesia and Sutures

Soft Tissue Veterinary Applications:

the applications listed with the following:

- Feline Onychectomy (Declaw)
- Dermal and Oral Mass removal
- Soft palate resection
- Stenotic nares resection
- OHE & castration - canine and feline
- Perianal tumor removals
- Mammary tumor removal
- Warts removal
- Removal of Eyelid masses
- Aural (ear) tumor removal & resection (Zepp, teco)
- Feline lymphocytic-plasmacytic stomatitis
- Distichiasis and bloodless entropion repair

Technical Data:

Model	Miran 25W-S
Wavelength	10.6 microns
Power to tissue	0.5-25W
Super pulse peak power	500W
Super pulse frequency	1 - 500 Hz
Timed exposure	(On time) 10ms - 1000ms
User Interface	Soft-touch panel, LCD Color screen
Beam Delivery	7-joint spring-balanced articulated arm
Aiming beam	3mW (650nm diode) adjustable
Accessories	Upon application request
Power input	110VAC/60Hz or 220VAC/50Hz
Dimensions	34x46x126 cm
Weight	35Kg



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