



20W CO² Veterinary Surgical Laser Precision and Control

Carbon dioxide (CO²) lasers have become a standard of care in veterinary surgery. CO² lasers provide increased precision and result in reduced haemorrhaging, swelling, pain and tissue trauma.

Our 20W CO² Laser delivers the ideal wavelength (10.6 μm) for all soft tissue surgery and is packaged to provide all you need.

- **Less Pain** - The laser seals nerve endings as it cuts. So the patient will have less pain.
- **Less Bleeding** - The laser seals small blood vessels during surgery and speeds up surgery by minimising bleeding.
- **Less Swelling** - No physical contact except the invisible laser beam. The surrounding tissue will not be crushed, enhancing healing.
- **Sterilisation** - The laser sterilises the surgical site as it cuts. Bacteria and viruses are vaporized by the laser during laser surgery.
- **Faster Recovery** - Less bleeding, tissue trauma, pain and local swelling will result in faster healing.
- **Precision** - The beam direction and power can be controlled precisely to remove thin layers of tissue and produce minimal side effects on the surrounding healthy tissue.
- **Reduced hospitalisation time** - All of above factor will greatly reduce the procedure time.
- **Touchscreen interface** - Ease of changing power, pulse modes and provides full range of surgical applications.

Applications:

- **General Surgery** - Neutering and Castrations, Cystotomies and Enterotomies, Tumour Removals, Thyroidectomy, Musculoskeletal Surgeries, Anal Sac Removals
- **Oral, Ear, Nose and Throat** - Oral tumours, Gingivectomies, BOAS surgery, Laryngeal surgery, Ear Canal Ablations, Aural Haematomas
- **Ophthalmology** - Distichia, Entropion, Eyelid Tumours, Sclera and Conjunctivae tissue removal
- **Dermatology** - Lick Granulomas, Sebaceous Adenomas and Cysts, Cutaneous Skin Tumours and growths, Pododermatitis
- **Exotics** - Bumblefoot, Skin and internal tumours, Neutering, Eye and Facial growths and lesions, Anal Sac Removals.
- **Equine** - Sarcoid Tumours, Melanomas, Internal and external growths, Castrations, Guttural Pouch and Laryngeal surgeries, Entrapped Epiglottis, Palmar digital neurectomy, Colic Surgery.
- **Amputation** - The laser is particularly good at amputations. Minimal Bleeding and nerve ending cauterisation to reduce phantom pain



Specifications

Wavelength	10.6 μm
Power to Tissue	0.5 - 20W
Ultra-pulse	10ms - 1000ms
Laser Operation Modes	Continuous Wave (CW), Pulse, Ultra Pulse
Cooling	Closed Loop Liquid
Articulated Arm	7 joint articulated arm