



Wellmed Pro | Wellview Universal Group

TECHNICAL DATA SHEET

YSML020-CA 20KW Veterinary use CO₂ Laser

Carbon dioxide (CO₂) lasers have become a standard of care in veterinary surgery for both large and small animals. Delivering the ideal wavelength (10.6µm) for all soft tissue surgery, CO₂ lasers provide increased precision and result in reduced hemorrhage, swelling, pain and tissue trauma. SWOT veterinary CO₂ laser system is designed to provide the veterinary surgeon with maximum flexibility, user-friendly controllability, resulting in better surgery and quick healing which is good for a wide

variety of surgical procedures for dogs, cats, birds, and other animals. Laser surgery can solve many common problems such as tumors, cysts, warts, and infections that may happen around the ears, eyes, skin and mouth.

Features:

- Articulated arm
- Non-contact cutting
- Precise incisions
- Absolute sterility
- Powerful: 20 watts

Applications:

Declaws - Scalpel blade or a nail trimmer is the traditional way of declaws, that was painful and time consuming. Laser surgery to declaw will make cats have little pain.

Ear Hematoma - One of the CO₂ laser features, selectively and gently going through layers of tissue, makes the CO₂ laser excellent for ear hematoma due to the small opening needed to drain the fluid.

Skin Tumor - Laser can completely ablate the small tumors lesion and make pets have less discomfort during the recovering time.

Dog Neuter - CO₂ laser can also treat dog neuters due to the advantages of minimal bleeding and less pain.

Amputation - The laser is particularly good at amputations. Minimal bleeding during the laser surgery allows the surgery to perform much faster.

Specifications:

Model

ML.020-CA

Laser Type

Sealed-off CO₂ laser tube

Wavelength

10.6µm

Mode Structure

TEM₀₀

Power to Tissue

0.5~20W

Ultra-pulse Duration (on-time)

10ms~1000ms

Laser Operation Modes

CW, Press, Ultra press

Tissue Exposure Modes

Continuous, Single pulse, Repeat pulse

Aiming Beam

2mW (650nm diode) adjustable

Articulated Arm

7-joint articulated arm

Cooling

Closed Loop Liquid

Electrical power

110/220V 60/50HZ

Dimension

370mm x360mm x1000mm

Panama | Central America | Caribbean | CARICOM

Information from the authorized catalog. Confirm configuration, accessories and documentation in the quotation.

Assisted translation: review the manufacturer specifications before purchasing.