



UltraLase™

SURGICAL SYSTEMS

CO₂ Laser Surgery System

UltraLase I

The UltraLase I CO₂ laser surgery system expands treatment options and improves surgical outcomes through increased precision and pain reduced bleeding and post-operative pain. Delicate procedures involving the soft palate and ear canal can now be performed with precision to improve the quality of care for pets. Declaw procedures can be performed in a less intrusive way. Many other procedures can be performed with local anesthesia only.

The UltraLase I is a 15-watt CO₂ laser surgery system built with the veterinary practitioner in mind.



Articulated Arm Beam Delivery

Delivers true laser energy to tissue

Closed Loop Liquid Cooling System

Allows extended surgical time without overheating

Diode Aiming Beam

Ensures pinpoint incision accuracy

Reusable Autoclavable Handpieces

Eliminate ongoing disposable costs

Complete Workstation

Includes cart and smoke evacuation system



Expert Training - Dependable Performance - Exquisite Precision

UltraLase Superiority

UltraLase presents a revolution in veterinary surgical laser design. The table-top console incorporates state-of-the-art features in an affordable system designed specifically for veterinarians. Articulated arm beam delivery ensures “true laser” energy to tissue. The UltraLase eliminates power fade experienced with other delivery systems. The UltraLase articulated arm also utilizes a laser diode aiming beam, which affords exquisite control of the laser for all applications. The 100mm handpiece focuses the laser beam to 0.2mm in diameter. This combination will generate a power density of over 30,000 watts/cm². Atraumatic vaporization of tissue, along with good hemostasis and reduced surgical times, are just a few of the benefits of using the UltraLase. Non-tactile removal of tissue means reduced edema and less post-op pain.

Unparalleled Support and Training

The UltraLase team provides not only on-site, hands-on surgical training, but also will help veterinarians and their staff learn how to discuss this breakthrough surgical option with clients to ensure compliance when laser surgery is recommended.

Professional Installation and On-site Training – 18 Month Warranty

UltraLase I Specifications

Laser type	CO ₂ (Sealed off)
Wavelength	10.6 Microns
Mode	TEM00
Power to Tissue	15 Watts
Laser Operation Modes	Super Pulse, CW, Pulse
Tissue Exposure Modes	Continuous, Single Pulse, Repeat Pulse
Beam Delivery System	7-Joint Spring-Balanced Articulated Arm
Working Radius	44 Inches
Cooling System	Closed Loop Liquid
Control Panel	Microprocessor Controlled
Electric Input	110VAC/60Hz
Dimensions	24” x 14” x 5” (LxWxH)
Weight	20 Pounds
Warranty	18 Months



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