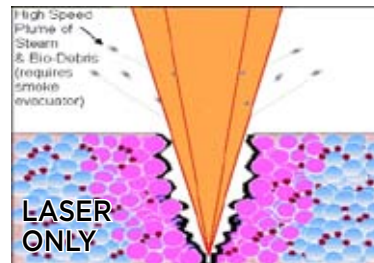


SureLase™ CO₂ Diamond Laser

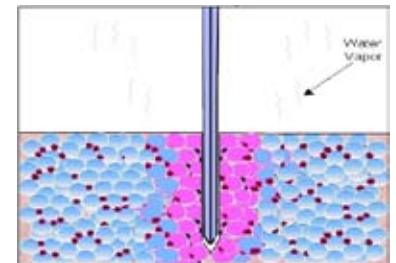
Advanced PureBeam technology for superior performance at an outstanding value. Versatile and cost effective laser system with fiber cable delivery, SureBlade™ diamond laser scalpel and minimally invasive surgical accessories.



The SureBlade™ Diamond Scalpel's precision brings out your best. And here's why:



The non-contact, focused laser beam of > 0.2 mm diameter heats cell water "instantaneously" to 100°C (boiling). It causes rupture of body cells, vaporizes cell water, desecrates cell membranes (Protein), **cauterizes** small blood vessels and leaves charred tissue. *There is a better solution.*



The **SureBlade** cold-contact Diamond Laser Scalpel's edge is 25 nanometers (0.000.025 mm) and slices cleanly through tissue cell walls. Laser energy transmits through the diamond blade and is absorbed in cell tissue heating it to approx. 58°C (scalding). This effect **coagulates** blood vessels but does not burn or char tissue.

 **CLINICON™**
PRECISION FOCUSED™

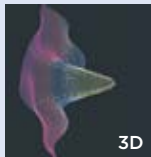
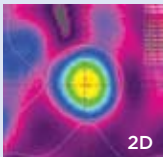
purebeam@clinicon.com
www.clinicon.com

SureLase™ CO₂ Diamond Laser

SURELASE™ TECHNICAL SPECIFICATIONS

Laser Type:	CO ₂ , 10.6 μm, RF-Excited Metal Resonator
Power Output:	30 Watt
Delivery System:	Reusable Nitinol Fiber Cable, 2.00m and 2.75m Disposable Fused Silica Fiber, 2.00m and 2.50m
Fiber Characteristics:	Transmission Efficiency < 73%, No Cooling Required
Beam Characteristics:	TEM ₀₀ , Gaussian
Operating Modes:	CW, Pulsed and SuperPulsed
Operator Panel:	Touch Screen incl. Video Display of Procedures
Aiming Beam:	Diode Laser 530nm, green, for various accessories
Purge Air/Gas:	Emits from Disposable Probes and Fibers
Power Supply:	110 - 230 V / 50 - 60Hz / 10A
Dimensions:	WDH 38 X 38 X 101 cm - 15" X 15" X 40"
Weight:	21 kg - 47 lbs
Accessories:	Diamond Scalpel, Reusable Hand Piece for Disposable Laser Probes, Disposable Hand Pieces for Disposable Laser Fibers, Disposable LAP and ROBOT Fiber Introducer, Laser Scanner and Micromanipulator
Fields Of Use:	Neuro-, Spine-, Head & Neck-, ENT-, Dental-, Cosmetic & Plastic-, General & Robotic Surgery, Endoscopy, Laparoscopy, Urology and Gynecology
Warranty	Two Years on Parts and Labor

Laser Fiber Energy Distribution Profile



PureBeam's Gaussian energy distribution profile creates a smaller, more intense central spot diameter and provides a longer working distance range for clear visualization

SUREBLADE™ DIAMOND LASER SCALPEL BENEFITS

- ONE-HAND, ONE-MOTION CUTTING AND COAGULATION
- FAMILIAR "FEEL" FOR SURGEONS
- SIGNIFICANTLY IMPROVED VISUAL CONTROL AND CUTTING PRECISION
- REDUCED TISSUE DAMAGE AND POST-OP TRAUMA
- MINIMAL BLEEDING AND NO CHAR
- LESS POST-OP TRAUMA AND FASTER HEALING
- DIAMONDS HAVE NO ELECTRICAL OR CHEMICAL INTERACTION WITH TISSUE
- ELIMINATION OF LASER SMOKE PLUME AND CELL DEBRIS
- FASTER AND BETTER MICROSCAR SURGICAL OUTCOMES
- REDUCTION OF SURGICAL TIME
- COST EFFECTIVE TECHNOLOGY

FOR MORE INFORMATION OR TO PLACE AN ORDER CONTACT 1-800-CLINICON OR VISIT OUR WEBSITE AT WWW.CLINICON.COM

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