

# C-LAS | CO<sub>2</sub> Diamond Laser

Versatile and cost effective table top laser system with fiber cable delivery, diamond laser scalpel and minimally invasive surgical accessories

The C-LAS laser combined with the waveguide cable is the perfect medical laser system with high precision accessories for multiple specialty, least invasive surgical procedures. User friendly electronics and the easy handling of the flexible waveguide cable has made the C-LAS the preferred choice of many surgeons around the world.

#### C-LAS with WAVEGUIDE

- High flexibility and ease of handling
- Ground mode "Gaussian" beam transmission
- High price/performance ratio
- Low maintenance cost

#### The C-LAS in combination with the

- Diamond Scalpel
  - Universal HandPiece
  - Fractional Scanner
  - Micromanipulator
- is ideal for minimally invasive procedures in multiple specialties



- PRECISION CUTTING
- CONTROLLED ABLATION
- EFFECTIVE CAUTERIZATION
- GENTLE REJUVENATION



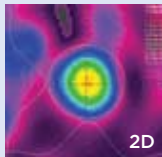
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# C-LAS | CO<sub>2</sub> Diamond Laser

## C-LAS CO<sub>2</sub> LASER TECHNICAL SPECIFICATIONS

<b>Laser Type:</b>	CO <sub>2</sub> - RF Excited Ceramic Resonator
<b>Wavelength - Power:</b>	10.6 μm 25 Watt
<b>Delivery System:</b>	Titanium Clad Fiber Cable, 2.00m and 2.75m
<b>Fiber Characteristics:</b>	Transmission Efficiency < 73%, No Cooling Required
<b>Beam Characteristics:</b>	TEM <sub>00</sub> , Gaussian
<b>Operating Modes:</b>	CW and Pulsed
<b>Purge Air or Gas:</b>	Emits from Disposable Probes and Fibers
<b>Power Supply:</b>	110 - 230 V / 50 - 60Hz / 10A
<b>Dimensions:</b>	WDH 25 X 40 X 110 cm
<b>Weight:</b>	18 kg
<b>Accessories:</b>	Diamond Laser Scalpel, Universal HandPiece, Fractional Scanner and Micromanipulator
<b>Fields Of Use:</b>	Neurosurgery, Spine-, ENT-, Head & Neck-, Dental-, Cosmetic- and Plastic Surgery, General Surgery, Urology and Gynecology
<b>1 Year Warranty</b>	On Parts and Labor

### Laser Fiber Energy Distribution Profiles



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



Specifications subject to change without notice.

FOR MORE INFORMATION OR TO PLACE AN ORDER CONTACT  
1-800-CLINICON OR VISIT OUR WEBSITE AT [WWW.CLINICON.COM](http://WWW.CLINICON.COM)



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