### AcuPulse 40WG CO₂ Laser Technical Specifications

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<tbody>
<tr>
<td><strong>Continuous</strong></td>
<td>1.0 – 4.5</td>
<td>0.0 – 4.0</td>
<td>NA</td>
<td>NA</td>
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<tr>
<td><strong>Single pulse</strong></td>
<td>1.0 – 4.5</td>
<td>0.0 – 4.0</td>
<td>0.01 – 1.00</td>
<td>NA</td>
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<tr>
<td><strong>Repeat pulse</strong></td>
<td>1.0 – 4.5</td>
<td>0.0 – 4.0</td>
<td>0.01 – 1.00</td>
<td>0.01 – 1.00</td>
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**Cutting Effect**
- Spot Size: 500µ
- Hemostasis Effect
  - Reduced Power: 560µ
  - Raised Power: 620µ
- Ablation Effect
  - Spot Size: 800µ

**Quality Beam Performance**
Greater power with less beam divergence allows for maximal precision.
Flexible energy delivery where it’s needed the most

Expand your range of surgical procedures with the AcuPulse 40WG CO2 laser and FiberLase CO2 fiber family of products. Owing to years of collaboration with leading surgeons, the precision of the CO2 laser technology is no longer limited to line-of-site performance. Adding delicacy and flexibility to the surgical capabilities opens a new sphere of patient care and allows to address clinical challenges while preserving healthy tissue. The AcuPulse designated system module allows complete utilization of the fiber’s capabilities including adequate energy transmission and aiming beam and, the wide range of addressable clinical indications.

Select from three laser operation modes and multiple timed exposure options to optimize tissue effect and achieve desired clinical outcome.

Available with designated suite of surgical tools to ensure individualized patient care based on the procedure, the anatomy and the anatomy structure.

Multi-use stainless steel handpieces that can be reprocessed.

Advanced, electronically controlled, user operated air management system.

This handheld fiber is easily adopted in the surgical sphere and demonstrates a short learning curve

Renewable fiber tip for smooth and cost effective operation

Aiming beam for accurate tissue targeting

2m long fiber for extended flexibility and greater maneuvering

Dependable fiber for transmission efficiency

Flexible endoscope compatibility allows access to hard-to-reach areas and more gentle procedure options

- **Otolaryngology (ENT)**
  - Benign and malignant lesions: Oral, Nasal, Pharynx, Larynx, Trachea and Ear.
  - Papillomatosis, Tonsillectomy, Bronchoscopy, Subglottic and Tracheal Stenosis, Stapedotomy, Cholesteatoma, Myringotomy

- **Gynecology**
  - (including laparoscopy and robotic assisted surgery)
  - Endometriosis, Excision/lysis of adhesions, Uterine myomas and fibroids, Ovarian fibromas and follicle cysts.
  - Uterosacral ligament ablation, Hysterectomy, Conization of the cervix

- **Neurology**
  - (Neurological indications for treatment of the Central Nervous System are only for USA)
  - Posterior fossa tumors, Peripheral neurectomy.
  - Benign and malignant tumors and cysts, acoustic neuromas, lipomas. Arteriovenous malformation, Pituitary gland tumors

Risk Information

CO2 lasers (10.6 µm wavelength) are intended solely for use by trained physicians. Incorrect treatment settings or misuse of the technology can present risk of serious injury to patient and operating personnel. The use of Lumenis CO2 laser is contraindicated where a clinical procedure is limited by anesthesia requirements, site access, or other general operative considerations. Risks may include excessive thermal injury and infection. Read and understand the CO2 systems and accessories operator manuals for a complete list of intended use, contraindications and risks.