



C-LAS CO₂ LASER

Articulated Arm or Waveguide Fiber

- Highly absorbed by water
- Lowest thermal damage
- Highest precision of ablation and incision
- Perfect control on delicate tissue



ENT & Gynaecology Applications

Innovative ceramic tube technology



Offering a unique platform for a truly modular system, C-Las gives way for the opportunity to integrate and unite various lasers into one system. The sealed ceramic tubes establishes this laser as being the most stable system worldwide including its design attributes superseding any other CO₂ laser system for mobility & portability. The uniform case consistent with **Nuvolas** and scanning system **Weasel** simplifies connectivity for ultra-fast dual and hybrid system formation.

Versatile by all means, C-Las exceeds the confines of ENT and recognised as gold standard for ablation in the medical and cosmetics industry.



C-LAS CO₂ LASER

Articulated Arm or Waveguide Fiber

- **Fast, precise and reliable**
- **Reproducibility of treatments**
- **Store customised treatment parameters**

Ablation Essentials

Ablation surgery modules



Micromanipulator

Integrated as part of Co2 system. High precision with working distance up to 500mm
Proven to have the smallest spot in the world



Deangelo Laser Safety Goggles

Laser	Co2
Light Transmittance	90%
Optical Density	190-398nm +
	9000-11000nm 7+



Smoke Evacuator

Four stages of filtration • 1 x Filter Included

Product No: ZU01049



Mounting Plate

For micromanipulator to Zeiss microscope
Also available for Leica Microscope

Product No: ZU01032

Paving the way in ENT

C-Las Applications



Laryngology

Papilloma
Polyps
Leukoplakia
Patrial Larynx Resection
Vocal Chord Lesions (benign/malignant)
Zenkers Diverticulum
Glottis Cancer Resection
Reinke's Edema

Tracheal Stenosis
Vocal Chord Nodules
Dysplasia Removal



Otology

Single shot stapes surgery
Stapes prosthesis fixation
Mucosa coagulation
Paracentesis • Myringotomy
Removal of cholesteatoma
Ossicular preservation



Pharyngology

Tumour Resection
Tonsillotomy
Uvulopalatoplasty
Leukoplakia (tongue)
Hemangiomas



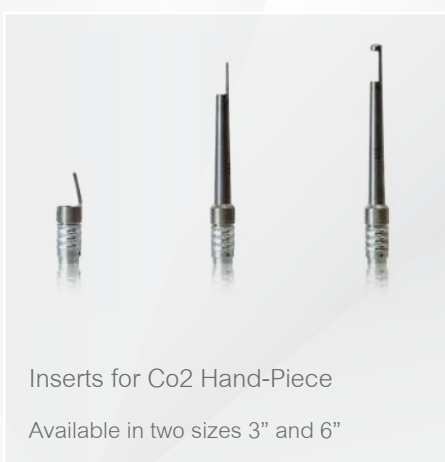
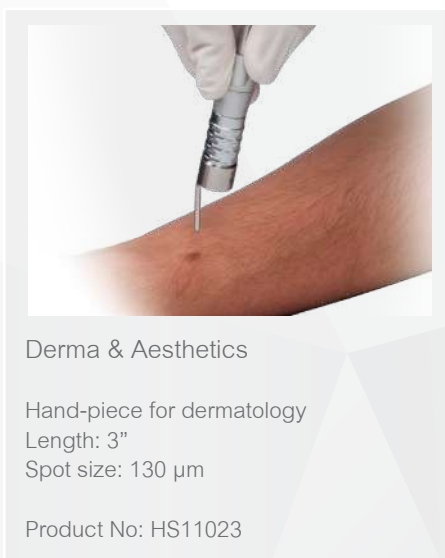
C-LAS CO₂ LASER

Articulated Arm or Waveguide Fiber

- Ablation
- Coagulation
- Vaporization

Ablation Essentials

Medical Cart



C-Las

Technical Specifications

Laser Source	CO ₂ / Ceramic Tube with Radio frequency excited without active anode and cathode	Output Power (waveguide)	25W
Wavelength	10,600 nm	Ablation Depth	50 to 600 μm depending on applicators
Output Power (articulated arm)	30 Watt at Distal End, max. 1.5 m	Operating Modes	CW • Pulses • Single Pulse • Super Pulse
Control Panel	Movable Touch Screen	Power Requirements	100-260 V, 50/60 Hz, 10 A
Dimensions	491 x 478 x 200 mm	Beam guidance	flexible waveguide / articulated arm
Spot Size (micromanipulator)	200 to 500 μm	Aiming Beam	Diode 635 nm (red) <1mW max
Cooling	Air Cooling	Weight	18 kg ready-to-operate



NEOMED^{UK}
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LASER SERVICE

Routine service and maintenance provides you the confidence your system will remain reliable and with a range of options offered by us, you can be sure to receive the right plan for your equipment.



LASER TRAINING COURSES

Proud sponsors and supporting agents to the most prestigious ENT surgeons in the UK that facilitate focused training courses and are trusted by leading practitioners to deliver nothing less than excellence.



LASER HIRE

Single cases made easy with a selection of lasers including KTP, Diode and CO₂. Arranging a hire couldn't be simpler with full support from experienced technicians and a qualified support operator who'll be present throughout.



LASER...INNOVATION
MADE IN GERMANY

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