

UltraPulse[®] SurgiTouch[™]



UltraPulse SurgiTouch
Application-Guided CO₂ Laser System

- Automatic pre-set starting parameters, by specialty and by application
- Suggests a delivery device, tailored to meet multiple surgical needs
- Scans a highly focused laser beam over a pre-determined spot size (potentially up to 15mm)
- Char-free tissue effects in the SurgiTouch and UltraPulse mode
- Highest pulse energy and average power in the medical laser industry
- Physician-selectable pulse energy settings (2 to 225mJ)
- Delivery devices and accessories for every specialty
- Easy-to-maneuver, compact design and convenient storage
- Easy-to-use touch screen controls with large control display
- Clinical education staff for training and support
- 50 company-operated service sites around the USA

APPLICATION-GUIDED LASER SURGERY

With the new UltraPulse[®] SurgiTouch[™] CO₂ laser system, you can now focus on the surgery — not the set-up.

The UltraPulse SurgiTouch takes CO₂ laser surgery to the highest levels of ease-of-use, control and precision. Simply select the surgical specialty, application and the system will suggest a delivery device with pre-set starting parameters.

It is as simple as that!

The UltraPulse SurgiTouch scans a highly focused laser beam rapidly over a pre-determined spot size (potentially up to 15mm), eliminating conduction of heat to adjacent tissue. It incorporates the most advanced technologies in CO₂ laser surgery today: the 60 Watt char-free pulse energy with the SurgiTouch user interface and scanner system.



UltraPulse SurgiTouch
User-friendly Touch Screen Control Panel

UltraPulse® SurgiTouch™

Carbon Dioxide Laser, sealed tube, RF-excited, tankless

Wavelengths	10.6µm, infrared
Mode Structure	TEM ₀₀ (M ² < 1.3)
CW Power	0.05 to 60W
UltraPulse Average Power	1 to 60W
Pulse Width	≤ 5 milliseconds
Pulse Energy	2 to 225mJ (user-selectable)
Pulse Repetition	1 to 1000 pulses per second (user-selectable)
Aiming Beam	635nm, 5mW, adjustable intensity, on/off while lasing, blink on/off DuraLite® articulated arm, 360° rotation, 1.5 meter (5') Or 1.8 meter (6') reach
Controls	Touch screen, footswitch
Timed Exposure	On time, 0.001 to 1.0 second
Repeat Delay	Off time, 0.1 to 5.0 seconds
Display	10.4" Color LCD
Memory Settings	>100 user-defined, application-specific settings
Cooling	Self-contained, closed cycle
Electrical	Σ 120V, 20A, 50 or 60Hz, single phase Σ 230V, 16A, 50 or 60Hz single phase
Dimensions	34cm W X 51cm D X 195 cm H (14" W X 20" D X 77" H)
Weight	128kg (280lbs)
Standards	UL, CSA, CE

Lumenis Inc.
2400 Condensa Street
Santa Clara, CA 95051 USA
Tel 408 764 3000
800 635 1313
Fax 408 764 3999
800 505 1133

Lumenis (HOLLAND) BV
Amstelveen, The Netherlands
Tel + 31 20 347 50 60
Fax + 31 20 347 50 99

Lumenis (GERMANY) GmbH
Dieburg, Germany
Tel + 49 6071 922 0
Fax + 49 6071 922 400

Lumenis (FRANCE) SARL
Orsay, France
Tel + 33 01 69 33 14 20
Fax + 33 01 60 19 57 23

Lumenis (ITALY) Srl.
Rome, Italy
Tel + 39 06 90 75 230
Fax + 39 06 90 75 269

Lumenis (UK) Ltd.
London, UK
Tel + 44 20 8324 4200
Fax + 44 20 8324 4222

Lumenis Ltd.
Yokneam, Israel
Tel + 972 4 959 9000
Fax + 972 4 959 9050

Lumenis (JAPAN) Co. Ltd.
Tokyo, Japan
Tel + 81 3 5789 8300
Fax + 81 3 5789 8310

Lumenis (HK) Ltd.
Kowloon, Hong Kong
Tel + 852 2174 2800
Fax + 852 2722 5151

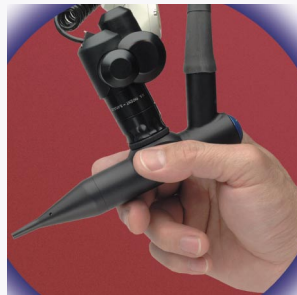
Lumenis (HOLLAND) BV
Beijing Office
Beijing, China
Tel + 86 10 6510 2620
Fax + 86 10 6510 2621

Lumenis (SWEDEN) AB
Kristianstad, Sweden
Tel + 46 44 21 21 26
Fax + 46 44 21 21 79

DELIVERY DEVICES AND ACCESSORIES FOR EVERY SPECIALTY



AcuBlade™ Robotic Micromanipulator
Revolutionary Robotic Laser
Microsurgery System



OtoScan™ Ear Aeration System
CO₂ Delivery Device for Myringotomy



Oral/ENT FiberLase™ Delivery System
Flexible CO₂ Fibers



Laparoscopic Couplers
Laparoscopic Surgery



ClearSpot™ 350 / AcuSpot™ 712
Large Spot, Small Spot
Micromanipulators



Computer Pattern Generator (CPG)
For Skin Resurfacing



Lumenis Ltd.
Yokneam, Israel



Lumenis Inc.
Santa Clara, CA, USA

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internet: www.lumenis.com

email: information@lumenis.com