

# UltraPulse® SurgiTouch™



UltraPulse SurgiTouch  
Application-Guided CO<sub>2</sub> 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

## APPLICATION-GUIDED LASER SURGERY

With the new UltraPulse® SurgiTouch™ CO<sub>2</sub> laser system, you can now focus on the surgery — not the set-up.

The UltraPulse SurgiTouch takes CO<sub>2</sub> 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 CO<sub>2</sub> 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 <sub>00</sub> ( $M^2 < 1.3$ )
CW Power	0.05 to 60W
UltraPulse Average Power	1 to 60W
Pulse Width	0.01ms to 5ms
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	120V, 20A, 50 or 60Hz, single phase $\Sigma$ 230V, 16A, 50 or 60Hz single phase
Dimensions	34cm W X 51cm D X 195cm H (14" W X 20" D X 77" H)
Weight	128kg (280lbs)
Standards	UL, CSA, CE

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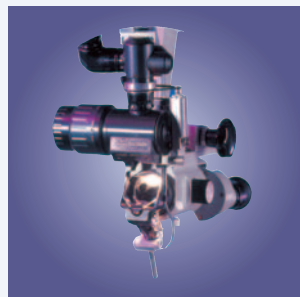
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## DELIVERY DEVICES AND ACCESSORIES FOR EVERY SPECIALTY



**AcuBlade™ Robotic Micromanipulator**  
Revolutionary Robotic Laser  
Microsurgery System



**OtoScan™ Ear Aeration System**  
CO<sub>2</sub> Delivery Device for Myringotomy



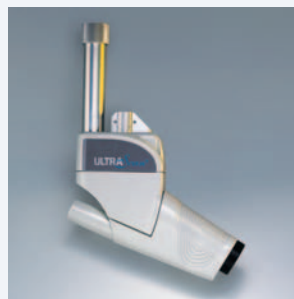
**Oral/ENT FiberLase™ Delivery System**  
Flexible CO<sub>2</sub> Fibers



**Laparoscopic Couplers**  
Laparoscopic Surgery



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



**Computer Pattern Generator (CPG)**  
For Skin Resurfacing



Lumenis Inc.  
Santa Clara, CA, USA

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