

UltraPulse[®] ENCORE[™]

THE FOREFRONT OF LASER CONTROL AND PERFORMANCE

The new UltraPulse ENCORE incorporates the same short duration, high energy pulsed technology that placed the original UltraPulse CO₂ laser at the forefront of laser control and performance. It incorporates the latest advancements in surgical laser technology with a breadth of new features that appeal to a wide range of needs and specialties. And, for the first time, this all comes in a streamlined, economical package with proven results.



UltraPulse
CO₂ Laser

- 60/60 "Double Barrel" technology
60W of continuous wave power
60W of UltraPulse char-free pulse energy
- Up to 225mJ of pulse energy
- Physician-selectable pulse energy settings
- Independent control of cutting speed and ablation depth
- Compact size is 60% smaller than earlier models
- Easy to maneuver, convenient storage
- Delivery devices and accessories for every specialty
- Large color display with touch screen controls
- Clinical education staff for training and support
- Consistent and reliable technical back-up from over 50 company-operated service sites around the USA



Touch screen control panel
Enhanced visibility and ease of use

UltraPulse® ENCORE™

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:	<2 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
Beam Delivery:	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:	13 total, 9 user-defined
Cooling:	Self-contained, closed cycle
Electrical:	• 120V, 20A, 50 or 60Hz, single phase • 230V, 16A, 50 or 60Hz single phase
Dimensions:	Office model: 34cm W x 51cm D x 158cm H (14"W x 20"D x 60"H) OR model: 34cm W x 51cm D x 195cm H (14"W x 20"D x 77"H)
Weight:	Office model: 123kg (270lbs) OR model: 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
Suresnes, France
Tel + 33 1 41 44 99 99
Fax + 33 1 47 28 99 09

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

internet: www.lumenis.com
email: information@lumenis.com

DELIVERY DEVICES AND ACCESSORIES FOR EVERY SPECIALTY



ClearSpot™ 160
Small Spot Micromanipulator



ClearSpot™ 350
Micromanipulator



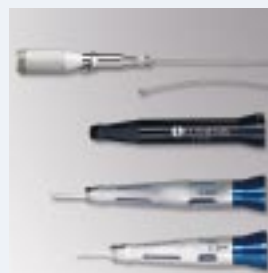
Laparoscopic Couplers
Laparoscopy



Computer Pattern Generator
For skin resurfacing



Oral Pharyngeal II handpiece
Oral Pharyngeal Variable Spot
Interchangeable tips



UltraFlex™ Endoscopic Waveguide
with straight and curved probes
TrueSpot 2.0mm Collimated Beam
Focused Incisional 1.0mm, 0.2mm



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