

Now
with
1060nm



LIGHTSHEER

This is how confidence feels

LightSheer DESIRE™

Feel the confidence that comes
with Laser Hair Removal



We don't just build technology,
we build confidence.

What we do changes the way people feel about themselves.
We don't just remove unwanted hair, we remove doubts and worries
and the barrier between people and what they can be.
We create, design and manufacture confidence.

This is how **confidence** feels



Satisfying patients, growing business.

More and more people from different ethnic backgrounds, with different skin types, both men and women, seek permanent hair removal. This offers an excellent opportunity to expand your client base. People want a treatment that is effective, fast and comfortable.

To meet these needs Lumenis, a leader in laser and energy based technologies, developed the LightSheer® DESIRE™ a dual wavelength, upgradable system. So you can:

- Offer your patients long-lasting results
- Benefit from a rapid return on investment
- Attract more patients
- Grow your business

The LightSheer DESIRE is a fantastic, portable laser hair removal system. It works with diode wavelengths 805nm and 1060nm, includes two advanced technologies and six optional handpieces. With the added benefit of treating pigmented lesions and wrinkles, the system is upgradeable so as your business grows, the LightSheer DESIRE can adapt and grow with it.



You can be confident in our technology.

Lumenis has been pioneering energy based solutions for over 50 years, so you can be sure of the technology behind the LightSheer DESIRE.

Two Cutting Edge Technologies

Great clinical results begin with the LightSheer DESIRE 805nm diode laser empowered by two advanced technologies: High Speed vacuum assisted technology and ChillTip™ integrated contact cooling technology.

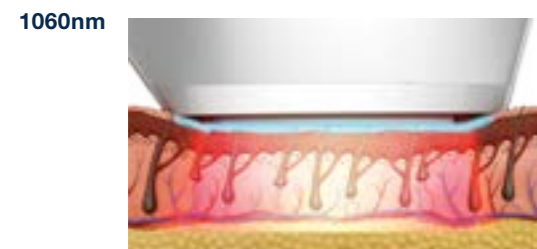
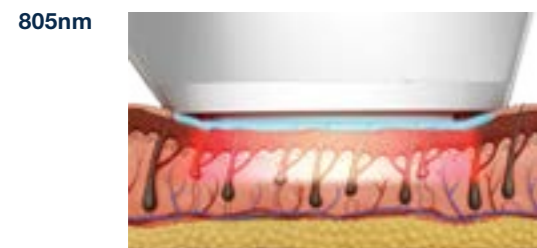
Three Handpieces for Treating All Body Areas

To effectively treat all body areas the LightSheer DESIRE is equipped with three handpieces that can be easily switched. Varying spot sizes allow you to treat patients quickly and comfortably and tailor the treatment to each individual patient.



Dual Wavelengths

LightSheer DESIRE supports both 805nm and 1060nm wavelengths allowing you to customize laser hair removal treatments for all skin types as well as treat pigmented lesions as well as wrinkles and fine lines.



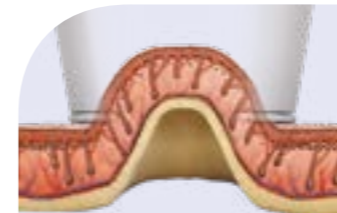
Advanced Graphical User Interface

The combination of the simple user interface and the treatment presets allows one to delegate the treatment safely.

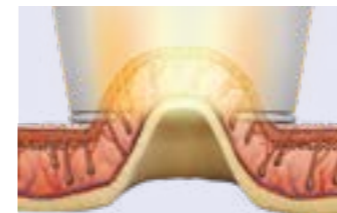


How it works.

High Speed Vacuum Assisted Technology



Gentle suction draws skin into the handpiece, so the skin is stretched thinner and the hair follicle is brought closer to the laser source.



Competing melanocytes are spread further apart, as the laser energy is applied to the target.

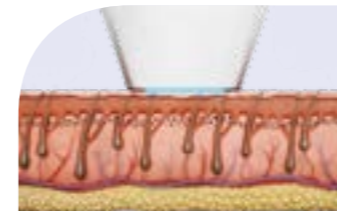


The follicle is damaged and the skin is released.

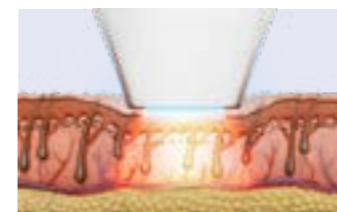
Advantages

- ✓ **Efficacy²:** Reduction in competing chromophores enables delivery of laser energy more efficiently.
- ✓ **Safety²:** Less energy is absorbed by the epidermis and lower fluence is required since the target is closer to the energy source.
- ✓ **Decreased pain¹:** The unique vacuum mechanism activates sensory receptors in the skin that reduces pain during treatment.
- ✓ **Treatment time^{1,2}:** The large (22x35mm) spot size reduces treatment time as large areas can be covered more rapidly. In addition, due to the vacuum mechanism of action there is no need for gel or anesthesia.

ChillTip Technology



Pressing the handpiece compresses the skin so that blood flow is constricted and the laser's energy is better absorbed by the hair follicle.



Skin is continuously cooled as the laser energy is applied to the target.

Advantages

- ✓ **Safety³:** Epidermal protection is achieved through ChillTip contact cooling.
- ✓ **Patient comfort³:** By continuously cooling the skin, pain and discomfort are significantly reduced.
- ✓ **Efficacy^{2,3}:** Compression of the skin rotates the follicle closer to the surface, ensures good thermal contact and blanches the blood vessels thus reduces competing chromophores.

1 Ibrahim OA, Kilmer SL. Long-term clinical evaluation of an 800-nm long-pulsed diode laser with a large spot size and vacuum-assisted suction for hair removal. *Dermatol Surg.* 2012

2 Xia Y, Moore R, Cho S, Ross EV. Evaluation of the vacuum-assisted handpiece compared with the sapphire-cooled handpiece of the 800-nm diode laser system for the use of hair removal and reduction. *J Cosmet Laser Ther.* 2010; 12: 264-268.

3 Campos, V. B., Dierickx, C. C., Farinelli, W. A., Lin, T. Y. D., Manuskhatti, W., & Anderson, R. R. (2000). Hair removal with an 800-nm pulsed diode laser. *Journal of the American Academy of Dermatology*, 43(3), 442-447.

Specifications

LightSheer DESIRE	HS		XC		ET	
Technical Specifications						
Laser Type	AlGaAs Diode Arrays		AlGaAs Diode Arrays		AlGaAs Diode Arrays	
Wavelength	805 nm (nominal)	1060 nm (nominal)	805 nm (nominal)	1060 nm (nominal)	805 nm (nominal)	1060 nm (nominal)
Spot Size	22 X 35 mm		12 X 12 mm		9 X 9 mm	
Repetition Rate	Up to 3 Hz		Up to 3 Hz		Up to 3 Hz	
Pulse repetition	1-3 pulses		1 Pulse		1 Pulse	
Fluence	805 nm: 4.5-12 J/cm ²	1060 nm: 4.5-14 J/cm ²	10-40 J/cm ²		10-100 J/cm ²	
Pulse Width	30-400 ms		5-400 ms		5-400 ms	
Peak Power	2310 W		2200 W		1620 W	
Preset Parameters	Yes		Yes			
Comfort Management	Vacuum assisted (up to 18 inHg)		Chilltip contact cooling (2°C)			
On-Site Service	Yes; replaceable handpiece		Yes; replaceable handpiece			
Platform Specifications						
Electrical	100-240 VAC +/-10%, 10 A 50/60 Hz. Single-phase grounded outlet					
Weight	The console weight is: 36 kg (79.4 lbs.)					
Dimensions (WxDxH)	51 x 60 x 42 cm; (20.1 x 23.6 x 16.5 in)					

Indications for use

Treatment of vascular lesions, including angiomas, hemangiomas, telangiectasia, and other benign vascular lesions and leg veins. Hair removal, permanent hair reduction*, and the treatment for Pseudofolliculitis Barbae (PFB). Treatment of benign pigmented lesions. Treatment of wrinkles (for 1060nm handpieces only). Use on all skin types (Fitzpatrick skin type I-VI), including tanned skin.

* Permanent hair reduction is defined as the long-term, stable reduction in the number of hairs re-growing when measured at 6, 9 and 12 months after the completion of a treatment regime.

About Lumenis

Lumenis is a global leader in the field of minimally invasive clinical solutions for the surgical, ophthalmology and aesthetic markets, and is a world-renowned expert in developing and selling energy-based technologies, including laser, intense pulsed light (IPL) and radio frequency (RF). For over 50 years, Lumenis' ground-breaking products have redefined medical treatments and have set numerous technological and clinical gold standards.

LASER CLASS 4/IV DIODE LASER

For DESIRE / DESIRE Light
WAVELENGTH : 790-830 nm
PULSE ENERGY: 81 J max
PULSE DURATION: 5-400 ms
PULSE RATE: 3 Hz max

For DESIRE Beauty
WAVELENGTH : 790-830 nm
PULSE ENERGY: 32 J max
PULSE DURATION: 5-300 ms
PULSE RATE: 3 Hz max

**VISIBLE AND INVISIBLE LASER RADIATION
AVOID EYE OR SKIN EXPOSURE TO
DIRECT OR SCATTERED RADIATION**

CLASS 4 LASER PRODUCT per EN 60825-1:2007/2014
CLASS IV LASER PRODUCT Complies with 21 CFR 1040.10 & 1040.11
except for deviations pursuant to Laser Notice No. 50, Dated June 24, 2007

LB-200587_B

LASER CLASS 4/IV DIODE LASER

For DESIRE
WAVELENGTH : 790-830 nm
PULSE ENERGY: 92 J max
PULSE DURATION: 30-400 ms
PULSE RATE: 3 Hz max

For DESIRE Beauty
WAVELENGTH : 790-830 nm
PULSE ENERGY: 92 J max
PULSE DURATION: 30-300 ms
PULSE RATE: 3 Hz max

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LB-200586_E

LASER CLASS 4/IV DIODE LASER

For DESIRE / DESIRE Light
WAVELENGTH : 790-830 nm
PULSE ENERGY: 58 J max
PULSE DURATION: 5-400 ms
PULSE RATE: 3 Hz max

For DESIRE Beauty
WAVELENGTH : 790-830 nm
PULSE ENERGY: 58 J max
PULSE DURATION: 5-300 ms
PULSE RATE: 3 Hz max

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LB-200586_E

LASER CLASS 4/IV DIODE LASER

For DESIRE / DESIRE Light
WAVELENGTH : 1040-1080 nm
PULSE ENERGY: 81 J max
PULSE DURATION: 5-400 ms
PULSE RATE: 3 Hz max

For DESIRE Beauty
WAVELENGTH : 1040-1080 nm
PULSE ENERGY: 32 J max
PULSE DURATION: 5-300 ms
PULSE RATE: 3 Hz max

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LB-20071469_B

LASER CLASS 4/IV DIODE LASER

For DESIRE
WAVELENGTH : 1040-1080 nm
PULSE ENERGY: 108 J max
PULSE DURATION: 30-400 ms
PULSE RATE: 3 Hz max

For DESIRE Beauty
WAVELENGTH : 1040-1080 nm
PULSE ENERGY: 108 J max
PULSE DURATION: 30-300 ms
PULSE RATE: 3 Hz max

**VISIBLE AND INVISIBLE LASER RADIATION
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LB-20071450_B

LASER CLASS 4/IV DIODE LASER

For DESIRE / DESIRE Light
WAVELENGTH : 1040-1080 nm
PULSE ENERGY: 58 J max
PULSE DURATION: 5-400 ms
PULSE RATE: 3 Hz max

For DESIRE Beauty
WAVELENGTH : 1040-1080 nm
PULSE ENERGY: 58 J max
PULSE DURATION: 5-300 ms
PULSE RATE: 3 Hz max

**VISIBLE AND INVISIBLE LASER RADIATION
AVOID EYE OR SKIN EXPOSURE TO
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LB-20071470_B

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