

LightSheer® INFINITY™

Discover the world of
infinite possibilities





Infinite Treatment Possibilities

$$2 \times 2 \times 6 = \infty$$

Lumenis' LightSheer INFINITY opens up a world of infinite laser treatment possibilities. Patients from different ethnic backgrounds and with different skin types are increasingly demanding solutions that are tailored to their needs. With the LightSheer INFINITY you can customize treatment and offer the ideal treatment to each one of your patients. The LightSheer INFINITY provides an effective, comfortable treatment¹. It can also offer your patients a solution for pigmented and vascular lesions, PFB and wrinkle reduction.

To meet these needs, the LightSheer INFINITY is equipped with:

- 2 diode wavelengths- 805nm and 1060nm
- 2 advanced technologies
- 3 spot sizes that facilitate 6 treatment options

¹Tahiliani ST, Tahiliani HS. Prospective Evaluation of the Safety and Efficacy of a 1060-nm Large Spot Size, Vacuum-Assisted Hair Removal Diode Laser System in Asian/Pacific Fitzpatrick's Skin Types IV-V Patients. J Drugs Dermatol. 2016 Nov 15(11): 1427-1434.

Technology with Infinite Potential

Treatment with the LightSheer INFINITY can be carried out **all year long**, enabling a rapid return on investment.



Dual Wavelength Laser Platform

The LightSheer INFINITY is the first dual wavelength system equipped with a large spot size (22mm X 35mm) and a unique pain reduction mechanism that provides effective, fast and comfortable treatment for all skin types.

The 805nm and 1060nm enable treatment of lighter as well as darker skin types (including tanned skin) all year round.



805nm



1060nm



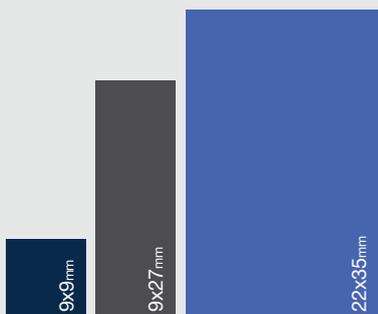
Comfortable

The INFINITY uses an active pain reduction mechanism which ensures that your patients will experience the most comfortable treatment without the need for gels or anesthetics.



Faster Treatments

The High Speed Vacuum Assisted technology with the 22X35mm spot size, is now available in both wavelengths, allowing you to perform fast treatment with a high coverage rate.



Advanced Graphic User Interface

The LightSheer INFINITY features a state of the art user-friendly interface and effective user support:

- Large touch screen display- Intuitive presets for fast learning curve and easy treatment delegation.
- Remote Connectivity enabled- to ensure prompt and complete customer support.



Ideal Spot Sizes



Choose the ideal spot size for each treatment:

To effectively treat all body areas and hair types, the LightSheer INFINITY offers two mechanisms of action the High-Speed low-fluence vacuum assisted handpiece and the highfluence ChillTip™ adaptor with a variety of spot sizes that can be easily switched on the handpiece.

HS (22x35mm)



LR (9x27mm)



ET (9x9mm)



High Speed Handpiece - utilizes the Vacuum Assisted technology to treat large body areas. This spot size provides fast and comfortable treatment.

Variety of ChillTip™ Adaptors - utilize integrated contact cooling Sapphire technology with by high fluence. Chose between spot sizes. designed to treat small to medium size areas.

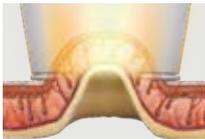
How it Works



How Vacuum Assisted Technology Works



Vacuum gently draws skin into the handpiece, skin is stretched thin and target is pulled closer to the energy source.



Energy is applied to target in which melanocytes are spread apart and blood flow is constricted.



Target is damaged and skin is released.

Advantages

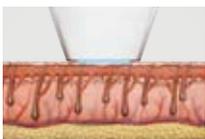
Efficacy: by stretching the skin there is a reduction in competing chromophores and the laser energy is delivered more efficiently. With darker skin types that have high concentrations of Melanocytes this advantage has even greater significance.

Safety: Due to the proximity of the target to the energy source, less energy is absorbed by the epidermis and lower fluence is required.

Pain Reduction: the Vacuum mechanism activates tactile and pressure skin receptors to naturally block the transmission of pain to the brain during the treatment.

Fast: with a spot size of 22x35 mm, large areas can be treated rapidly, without the need for cooling or anesthetics.

How ChillTip™ Works



1. Skin is cooled before and during treatment.



2. Skin is compressed*.
Laser beam applied to skin and target is damaged.

*Compression of the skin is not recommended when treating vascular lesions

Advantages

Safety: epidermal protection is achieved through ChillTip contact cooling.

Comfort: by continuously cooling the skin, pain and discomfort are significantly reduced.

Efficacy: compression of the skin rotates the (hair) follicle closer to the surface, blanches blood vessels and reduces competing chromophores. For darker skin types this advantage is more significant since their Melanin concentration is higher.

Clinical Results with Infinite Potential

With the LightSheer INFINITY, Lumenis perfected its well-established innovative technology. By leveraging the clinically validated advantages of the 805nm wavelength- speed, comfort, safety and efficacy to an additional wavelength- the 1060nm- Lumenis created a versatile dual wavelength system and introduced the next generation of laser hair reduction.



Before



After



Before



After

Courtesy of Sushil Tahilliani, M.D.
1060nm wavelength, High-Speed Handpiece
6 month follow up post 5 treatments

Courtesy of Suzanne L. Kilmer, M.D.
805nm wavelength, High-Speed Handpiece
6 month follow up post 3 treatments

Warnings and Risks:

Treatment should not be attempted on patients with the following conditions in the treatment area: any active infections or inflammatory skin conditions, Dysplastic nevi, tattoos, active cold sores, open lacerations or abrasions, viral, fungal, or bacterial diseases or a history of post inflammatory hyperpigmentation. The most common immediate responses of laser treatment for hair removal, vascular lesions, pigmented lesions are erythema, edema, perifollicular edema and perivascular edema, vascular bleaching, hyperpigmentation and hypopigmentation or textural changes of the treated areas.

The complete list of contraindications and risks can be found in the LightSheer INFINITY user manual.

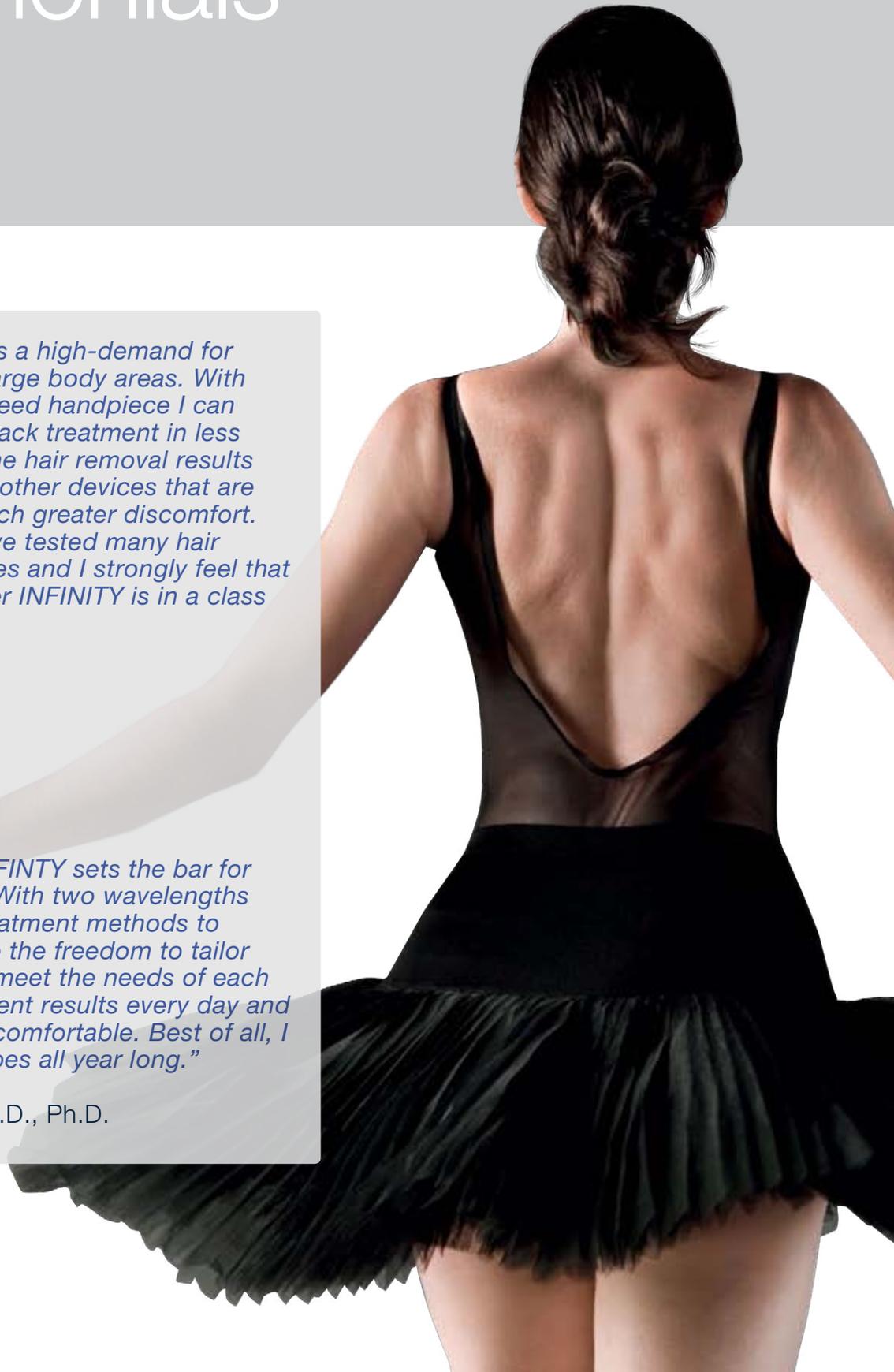
Experts Testimonials

"In my clinic there is a high-demand for hair removal from large body areas. With INFINITY's High Speed handpiece I can complete a leg or back treatment in less than 10 minutes. The hair removal results are consistent with other devices that are associated with much greater discomfort. Over the years I have tested many hair removal technologies and I strongly feel that Lumenis' LightSheer INFINITY is in a class of its own."

E. Victor Ross, M.D.

"The LightSheer INFINITY sets the bar for laser hair removal. With two wavelengths and six possible treatment methods to choose from, I have the freedom to tailor treatments to best meet the needs of each patient. I see excellent results every day and the treatments are comfortable. Best of all, I can treat all skin types all year long."

Omar A. Ibrahimi, M.D., Ph.D.



Specifications

Platform	LightSheer INFINITY		
	HS Univeral HandPiece	ET ChillTip™ Adaptor	LR ChillTip™ Adaptor

Technical Specifications:

Laser Type	AlGaAs Diode Arrays	AlGaAs Diode Arrays	AlGaAs Diode Arrays
Wavelength	805\1060 nm (nominal)	805\1060 nm (nominal)	805\1060 nm (nominal)
Spot Size	22 X 35 mm	9 X 9 mm	9 X 27 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 805nm	4.5-12 J/cm ²	10-80 J/cm ²	5-25 J/cm ²
Fluence 1060nm	4.5-14 J/cm ²	10-80 J/cm ²	5-35 J/cm ²
Pulse Width	30-400 ms	5-400 ms	5-400 ms
Comfort Management	Vacuum assisted (up to 18inHg)	Chilltip contact cooling (2 ^o C)	Chilltip contact cooling (12 ^o C)
Preset Parameters	Yes	Yes	Yes
Warranty	1 Year	1 Year	1 Year
On-Site Service	Yes; replaceable handpiece	Yes; replaceable handpiece	Yes; replaceable handpiece

Platform Specifications

Electrical	100-240 VAC +/-10%, 15 A max. 50/60 Hz. Single-phase grounded outlet
Weight	58 kg (128 lbs)
Dimensions (WxDxH)	44 x 50 x 123 cm; (17.4 x 19.7 x 48.5 in)

Indications for Use

Treatment of vascular lesions, including angiomas, hemangiomas, telangiectasia, leg veins and other benign vascular lesions.

Hair removal, permanent hair reduction, and the treatment for Pseudofolliculitis Barbae (PFB).

Treatment of benign pigmented lesions, including age spots, solar lentigines, café au lait spots, nevi of Ota/Ito, melasma, Becker's nevi and other benign pigmented lesions.

Treatment of wrinkles (for 1060nm handpieces only).

Use on all skin types (Fitzpatrick skin types I – VI), including tanned skin.

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 commercializing innovative energy-based technologies, including Laser, Intense Pulsed Light (IPL) and Radio-Frequency (RF). For nearly 50 years, Lumenis' ground-breaking products have redefined medical treatments and have set numerous technological and clinical gold-standards. Lumenis has successfully created solutions for previously untreatable conditions, as well as designed advanced technologies that have revolutionized existing treatment methods in each and every one of the verticals we operate in. Our drive for innovation stems from an uncompromising commitment to improving the health and well-being of our patients; addressing new and growing needs of aging populations; and in offering medical professionals cutting-edge solutions that fit seamlessly into the health-economics environment of the 21st century. The world over, we bring Energy to Healthcare.

Lumenis LTD

Yokneam Industrial Park
Hakidma Street 6,
P.O.B. # 240
Yokneam 2069204,
ISRAEL
Tel: +972 4 959 9000



Lumenis (Germany) GmbH

Heinrich-Hertz-Str 3
D-63303 Dreieich-Dreieichenhain
GERMANY
T +49 (0) 6103 8335 0

AMERICAS

San Jose, CA, USA
T +1 408 764 3000
+1 877 586 3647
F +1 408 764 3999

ASIA / PACIFIC

Beijing, China
T + 86 10 5737 6677
Gurgaon, India
T + 91 124 422 07 95
Kowloon, Hong Kong
T + 852 217 428 00
F + 852 272 251 51

JAPAN

Tokyo, Japan
T +81 3 6743 8300
F +81 3 6743 8301

EMEA

Roma (RM), Italy
T +39 06 90 75 230
F +39 06 90 75 269
Hertfordshire, UK
T +44 20 8736 4110
F +44 20 8736 4119

LASER CLASS 4/IV
DIODE LASER WAVELENGTH : 790-830 nm
PULSE ENERGY: PULSE RATE: 3 Hz max
Without Adaptors: 92 J max PULSE DURATION:
With ET Adaptors: 65 J max Without Adaptors: 30-400 nm
With LR Adaptors: 61 J max With ET/LR Adaptors: 5-400 nm
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 permitted to Laser Notice No. 50, Dated June 24, 2007
LB-20076716_A

LASER CLASS 4/IV
DIODE LASER WAVELENGTH : 1040-1080 nm
PULSE ENERGY: PULSE RATE: 3 Hz max
Without Adaptors: 108 J max PULSE DURATION:
With ET Adaptors: 65 J max Without Adaptors: 30-400 nm
With LR Adaptors: 85 J max With ET/LR Adaptors: 5-400 nm
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 permitted to Laser Notice No. 50, Dated June 24, 2007
LB-20076728_A



For more information: www.lumenis.com
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