



**Totaalleverancier  
van lasers en medische  
technologieën**



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# LIGHTSHEER

This is how confidence feels



## LightSheer® QUATTRO™

Feel the confidence that comes  
with Lumenis 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.

Laser hair removal is one of the most sought after non-invasive aesthetic treatments for women and men alike. More and more people from different ethnic backgrounds seek permanent hair removal, they are looking for a treatment that is effective, fast and comfortable.

Laser hair removal draws patients to your clinic and serves as an excellent stepping-stone for them into the world of Aesthetic Dermatology.

With LightSheer QUATTRO you can customize patient treatments according to each individual's hair type, skin type (including tanned and dark skin) and lifestyle - and therefore access a larger demographic.



Any skin type with  
805nm & 1060nm  
wavelengths



Upgradeable and  
scalable



Portable with a  
compact footprint



Treatment versatility  
pigmented & vascular  
lesions



# You can be **confident** in our **technology**.

Treat **ALL SKIN TYPE**  
with either **805nm** or  
**1060nm** wavelengths

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

## High Speed Vacuum Assisted Technology | ChillTip Integrated Contact cooling Technology



### Efficacy<sup>2</sup>

Laser energy delivered more efficiently.



### Safety<sup>2</sup>

Lower fluence is required per pulse.



### Decreased pain<sup>1</sup>

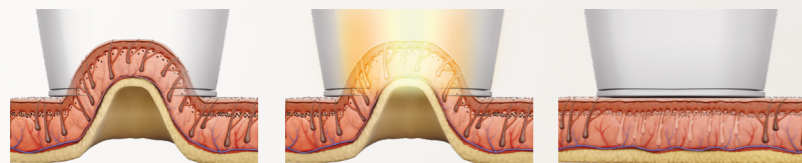
Unique mechanism reduces pain during treatment.



### Treatment time<sup>1,2</sup>

Rapid coverage rate without gel or anesthesia.

### How it works



## High Speed handpiece

22x35mm

Offers a unique pain reduction mechanism and works without gel. Ideal for treating larger body areas, quickly and comfortably.



### Efficacy<sup>2,3</sup>

Compression of the skin reduces competing chromophores.



### Safety<sup>3</sup>

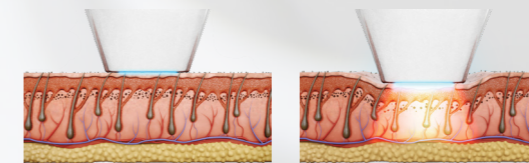
Epidermal protection through continuous sapphire contact cooling.



### Patient comfort<sup>3</sup>

Continuously cooling significantly increases comfort.

### How it works



## XC

12x12mm

Providing a solution for large and small areas requiring higher fluence levels.



## ET

9x9mm

Designed to treat small areas that require maximum precision.

<sup>1</sup> 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

<sup>2</sup> 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.

<sup>3</sup> Campos, V. B., Dierckx, C. C., Farinelli, W. A., Lin, T. Y. D., Manuskiatti, 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.

We're confident in our results, so you can be too.

The LightSheer technology by Lumenis has been validated in numerous clinical studies and peer-reviewed articles, and our customers the world over have continuously reported high levels of patient satisfaction and repeatable results.

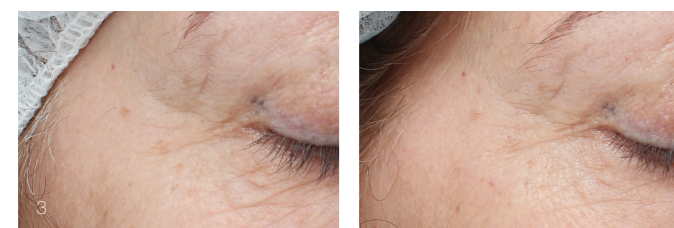
**Laser hair removal, 805nm wavelength**



**Pigmented lesions, 805nm wavelength**



**Wrinkle reduction, 1060nm wavelength**



**Laser hair removal, 1060nm wavelength**



Photo courtesy of: 1. Mitchel Goldman, 2, 3. Lumenis Ltd. M.D. 4. Sushil Tahiliani, M.D.

*“What sets LightSheer® apart is the confidence it gives providers in treating patients comfortably and with a high degree of efficacy. It's an overall win-win for both the provider and the patient.”*

Daniel P Friedmann, M.D

**Warnings and Risks:**

Treatment should not be attempted on patients with the following conditions in the treatment area: any active infections, 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, lightening/darkening of pigment, vascular lesions, and wrinkles 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 QUATTRO user manual.

Your journey with Lumenis has just begun.

We want your business to grow with LightSheer QUATTRO. We provide a support package which ensures that you have all the training you need and receive the most up to date clinical materials. Our direct to consumer marketing activities support the brand, keeping LightSheer the treatment of choice when it comes to laser hair removal.



# Specifications

LightSheer QUATTRO	HS 22 X 35 mm	XC 12 X 12 mm	ET 9 X 9 mm
Laser Type	AlGaAs Diode Arrays	AlGaAs Diode Arrays	AlGaAs Diode Arrays
Wavelength	805 nm      1060 nm	805 nm      1060 nm	805 nm      1060 nm
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 <sup>2</sup> 1060 nm: 4.5-14 J/cm <sup>2</sup>	10-40 J/cm <sup>2</sup>	10-100 J/cm <sup>2</sup>
Pulse Width	30-400 ms	5-400 ms	5-400 ms
Peak Power	2310 W	2200 W	1620 W
Preset Parameters	Yes	Yes	Yes
Comfort Management	Vacuum assisted (up to 18 inHg)	Chilltip contact cooling (2°C)	Chilltip contact cooling (2°C)
On-Site Service	Yes; replaceable handpiece	Yes; replaceable handpiece	Yes; replaceable handpiece
Connectivity	Remote connectivity for service and support		

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 16.55 in)

## Indications for use

Treatment of benign 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.

## Trademarks

LightSheer, LightSheer QUATTRO, the LightSheer QUATTRO logo, ChillTip, Pulse Width (OptiPulse), AutoPace, Lumenis and the Lumenis logo are trademarks or registered trademarks of the Lumenis group of companies.

## 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** MODE LASER  
 For LightSheer DESIRE / DESIRE Light, QUATTRO / QUATTRO Light  
 For LightSheer Beauty  
**WAVELENGTH**: 1040-1080 nm      **WAVELENGTH**: 1040-1080 nm  
**PULSE ENERGY**: 58 J max      **PULSE ENERGY**: 58 J max  
**PULSE DURATION**: 5-400 ms      **PULSE DURATION**: 5-300 ms  
**PULSE RATE**: 3 Hz max      **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 B LASER PRODUCT Complies with 21 CFR 1040.10 & 1040.11  
 except for deviations authorized by Laser Notice No. 50, Dated June 24, 2007  
 LB-2007147L\_C

**LASER CLASS 4/IV** MODE LASER  
 For LightSheer DESIRE / DESIRE Light, QUATTRO / QUATTRO Light  
 For LightSheer Beauty  
**WAVELENGTH**: 1040-1080 nm      **WAVELENGTH**: 1040-1080 nm  
**PULSE ENERGY**: 61 J max      **PULSE ENERGY**: 32 J max  
**PULSE DURATION**: 5-400 ms      **PULSE DURATION**: ~300 ms  
**PULSE RATE**: 3 Hz max      **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  
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 LB-2007146L\_C

**LASER CLASS 4/IV** MODE LASER  
 For LightSheer DESIRE / QUATTRO  
 For LightSheer Beauty  
**WAVELENGTH**: 1040-1080 nm      **WAVELENGTH**: 1040-1080 nm  
**PULSE ENERGY**: 108 J max      **PULSE ENERGY**: 108 J max  
**PULSE DURATION**: 30-400 ms      **PULSE DURATION**: 30-300 ms  
**PULSE RATE**: 3 Hz max      **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  
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 LB-2007140L\_C

**LASER CLASS 4/IV** MODE LASER  
 For LightSheer DESIRE / DESIRE Light, QUATTRO / QUATTRO Light  
 For LightSheer Beauty  
**WAVELENGTH**: 790-830 nm      **WAVELENGTH**: 790-830 nm  
**PULSE ENERGY**: 61 J max      **PULSE ENERGY**: 32 J max  
**PULSE DURATION**: 5-400 ms      **PULSE DURATION**: 5-300 ms  
**PULSE RATE**: 3 Hz max      **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 B LASER PRODUCT Complies with 21 CFR 1040.10 & 1040.11  
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 LB-005897\_C

**LASER CLASS 4/IV** MODE LASER  
 For LightSheer DESIRE / DESIRE Light, QUATTRO / QUATTRO Light  
 For LightSheer Beauty  
**WAVELENGTH**: 790-830 nm      **WAVELENGTH**: 790-830 nm  
**PULSE ENERGY**: 58 J max      **PULSE ENERGY**: 58 J max  
**PULSE DURATION**: 5-400 ms      **PULSE DURATION**: 5-300 ms  
**PULSE RATE**: 3 Hz max      **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 B LASER PRODUCT Complies with 21 CFR 1040.10 & 1040.11  
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 LB-005898\_F

**LASER CLASS 4/IV** MODE LASER  
 For LightSheer DESIRE/QUATTRO  
 For LightSheer Beauty  
**WAVELENGTH**: 790-830 nm      **WAVELENGTH**: 790-830 nm  
**PULSE ENERGY**: 92 J max      **PULSE ENERGY**: 92 J max  
**PULSE DURATION**: 30-400 ms      **PULSE DURATION**: 30-300 ms  
**PULSE RATE**: 3 Hz max      **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  
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