

“Unlike lasers with longer wavelengths, the variable-Long Pulse Alexandrite from Light Age safely treats skin types IV-VI without sacrificing the best possible results in skin types I-III”

*Dr. A. Poet, Fellow ASLMS*

The EpiCare™ Laser Hair Removal System is FDA cleared and widely recognized to provide the best **permanent hair reduction** results. By combining the most effective laser technology with value and reliability, the EpiCare™ System meets the challenging demands of your business – whether you're operating a high-volume clinic, private medical practice or spa/salon.



### THE OPTIMUM LASER SYSTEM

Alexandrite lasers have been clinically proven to provide the very best hair removal results. The 755 nm wavelength emitted by the EpiCare™ laser most strongly targets melanin in the hair shaft and minimally affects the surrounding tissue (Figure 1). This beneficial difference in interaction is the basis for Selective Photothermolysis, the process by which laser energy from the EpiCare™ System kills unwanted hair while minimizing adverse effects.

### THE EPICARE™ SYSTEM'S WAVELENGTH ADVANTAGE

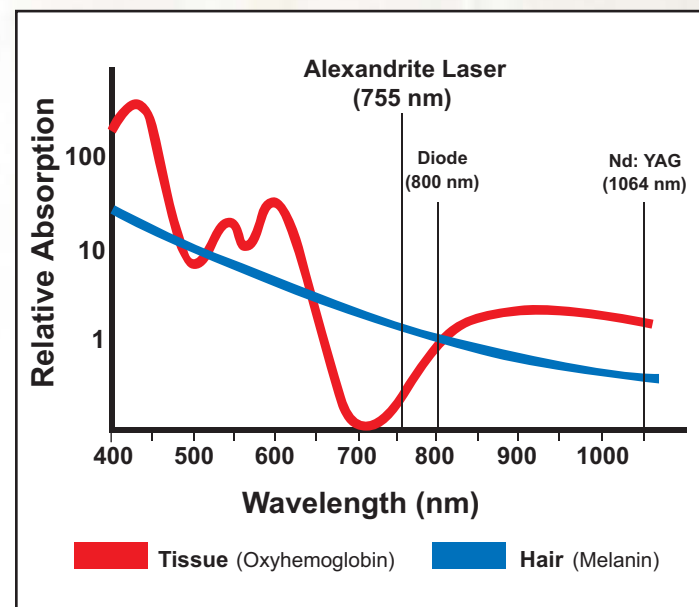


Figure 1. Preferential targeting of hair by various lasers.

### SPEED

Utilizing cutting edge CCP™ technology, EpiCare™ laser systems are capable of delivering over 100 watts of average power. EpiCare™'s proprietary Smart Pulse™ technology provides the highest possible speed at every fluence setting.

### VARIABLE PULSE WIDTH

The EpiCare™'s 3-300ms pulse is an industry first, permitting targeting of both coarse and fine hair while maximizing safety margins, especially important for darker skin types. Extending the pulse duration for skin types IV-VI provides improved performance, similar to or better than longer wavelength lasers that don't target melanin. The EpiCare™ variable pulse alexandrite lasers safely and effectively treat skin types I-VI.

### DELIVERING EFFECTIVE RESULTS

By delivering higher 755nm fluences (up to 30 J/cm<sup>2</sup> at a 15mm spot size) safely, the EpiCare™ system penetrates deeply to reach even the most stubborn hair follicles. The new even higher power EpiCare™ LPX offers up to an 18mm spot size with the highest available speed and power in the industry. Optional advanced skin cooling provides additional comfort and added safety and efficacy for darker skin types.

### HAIR REMOVAL RESULTS



### SMARTSCREEN™

The EpiCare™'s revolutionary user interface provides simple control of all treatment parameters, guided help in setting them, and even helps identify skin types and gives recommended treatment parameters. Treatment histories are recorded transparently to insure consistent and reliable results. Business management software tracks your profit margins and shows where to make improvements. This system even tracks its own performance history and helps schedule routine maintenance. If the system ever does have a problem it can be diagnosed and most often even fixed over the telephone.

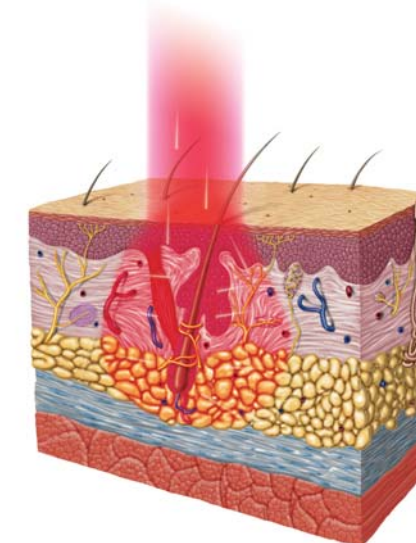
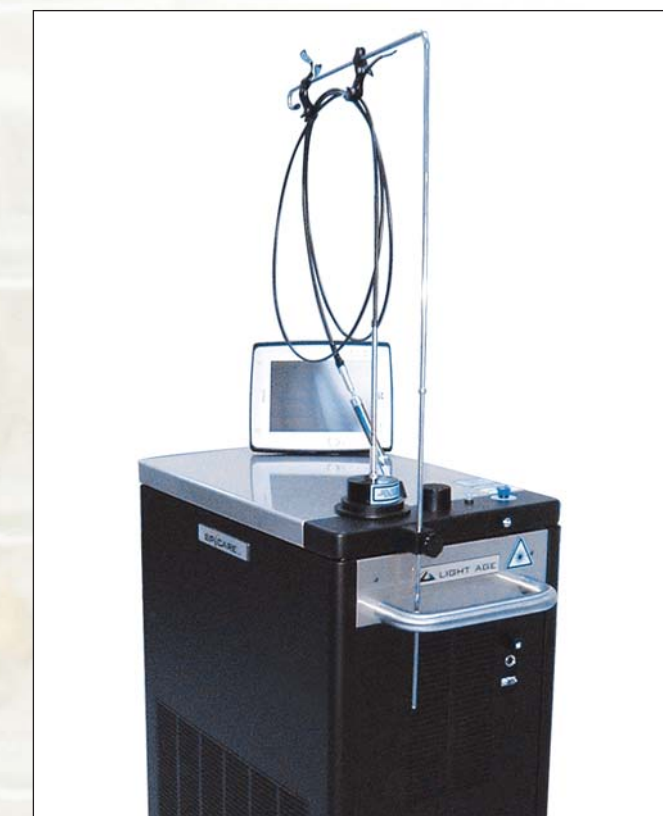


Figure 2. The wavelength, high energy, and large beam diameter result in forward scattering that yields a deeper penetration with improved efficacy.



### SIMPLE ADVANCED CONTROLS



## EPICARE™ SYSTEM SPECIFICATIONS

EPICARE™ Model	LP	LPX
Lasing Medium	Alexandrite 755nm	Alexandrite 755nm
Pulse Duration	Variable 3-300ms	Variable 3-300ms
Average Power	Up to 60 (watts)	Up to 100 (watts)
Energy (Maximum Fluence*)	Up to 40 J/cm <sup>2</sup>	Up to 100 J/cm <sup>2</sup>
Pulse Rate*	Maximum 2.5Hz @ 12mm	Maximum 2.5Hz @ 15mm
Spot Size	7, 9, 12, 15mm	7, 9, 12, 15, 18mm

\* Even Higher Pulse Rates are available with smaller spot sizes or fluences. Higher fluences are available at smaller spot sizes. Safe Maximum Pulse Rate and Fluence depend on skin type and procedure; contact Light Age, Inc. for details.



## PHYSICAL PARAMETERS

Size	43"H x 19"W x 28" D (109cm x 48cm x 71cm)
Electrical Requirements	220-240Vac, 50/60 Hz, 30 Amp LP/40 Amp LPX
Laser Cooling System	Water-to-Air, optional Water-to-Water



## CHOOSING YOUR SYSTEM

### LP

With selectable pulse durations from 3 to 300 msec, the LP is effective for all skin types. The LP is the perfect choice for private practices, salon/spas and aesthetic clinics.

### LPX

For higher power, the LPX provides all of the treatment flexibility of the LP at the fastest clearing rates available. The LPX is designed to meet the demanding needs of high volume practices and clinics.

— Light Age, Inc. is located in Somerset, NJ. Its scientists invented the alexandrite laser. Light Age specializes in medical, scientific, commercial, military, and aesthetic laser systems.

# EPICARE™

THE ULTIMATE HAIR REMOVAL SYSTEM



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