

LIGHTSheer™ XC

DIODE LASER SYSTEM

- First in permanent hair reduction utilizing state-of-the-art, pulsed diode technology.
- Optimal parameters enhance safe treatment for the widest range of skin types.
- The patented ChillTip™ handpiece with a 12 mm square spot actively cools while protecting the epidermis and allowing higher treatment fluences.
- Unique compression technique decreases the distance to deep follicular papillae, increasing transmission and efficiency.
- The 12 mm square spot makes it not only the fastest in the LightSheer family but market research has shown that this system provides the highest coverage rate available.
- The 100 ms pulse width was confirmed in separate clinical trials to be optimal for safely and effectively treating the darkest skin types including skin type VI.**
- The highest peak power (2900 watts) of any diode laser system for maximum effectiveness.
- User-friendly and minimal controls allow choice of optimal parameters with repeatability.



Over Thirty Years of Proven Results

Since its founding in 1966, Coherent has offered an unparalleled level of expertise and commitment to our customers. The LightSheer product line exemplifies our goal of continuing to bring you valuable, differentiated systems backed by solid engineering and responsive service. With Coherent, you can count on us being there to help you for years to come.

LIGHTSHEER XC DIODE LASER SYSTEM SPECIFICATIONS

| | |
|--------------------------|---|
| Laser Type | AlGaAs Diode Arrays, Pulsed |
| Wavelength | 800 nm |
| Peak Power | 2900 watts |
| Repetition Rate | Up to 2 Hz |
| Spot Size | 12mm (square) |
| Fluence | 10 - 60 J/cm ² |
| Pulse Width | 5 - 100 ms |
| Electrical Supply | 100-120 VAC 12 amps typical; 220 VAC 6 amps typical; 50-60 Hz |
| Cooling | Self-contained, closed cycle |
| Weight | 112 lbs (51 kg) |
| Dimensions | 14.5 in x 15 in x 38 in (37 cm x 38 cm x 96.5 cm) |

The LightSheer XC Diode Laser System is cleared for permanent hair reduction based on a prospective clinical study conducted at leading research centers.** The system was optimized based on feedback from this clinical study. The wavelength, long pulse width, large spot size, contact cooling, and compression were chosen to provide the optimal parameters for safety and efficacy.

The technology integrated in the LightSheer is the newest innovation in lasers based on semiconductor diode technology. The inherent reliability of these high powered diodes allows Coherent to offer a two-year, unlimited usage warranty on the diode arrays – the key component in the system. This technology minimizes the cost of ownership as there are no special utilities required and no consumables.

The LightSheer is also cleared for the treatment of leg veins in skin types I-V. A study at the Wellman Laboratories of Photomedicine highlighted its efficacy and safety in treating a specific class of vessels.**

Coherent is the world leader in laser hair removal systems. More LightSheer Diode Systems have been delivered than any other system.

**Contact Coherent for reprints.



The patented ChillTip handpiece represents a breakthrough in patient safety and comfort. It provides superior epidermal protection.



User-friendly controls simplify operation.



The LightSheer XC plugs into a standard wall outlet worldwide. (US configuration shown.)



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