

LOVELY II™

Acne Hand Piece

Extensive Clearance of Acne in Just a Few Short Sessions

The Lovely II Moderate Inflammatory Hand piece lets you easily upgrade your Lovely II system to treat mild to moderate acne vulgaris, the source of major aesthetic concern for almost 10% of the population. The Acne hand piece employs proprietary Light Energy Optimization (LEO™) platform technology in the blue (420-950nm) wavelength along with optimized adjustable treatment parameters to permeate the tissue and reach the P. acnes target safely and effectively. The high-intensity light triggers a chemical reaction of the porphyrins generated by the P. acnes, which produces singlet oxygen that in turn attacks and inactivates the P. acnes bacteria within the skin.

The result is extensive acne clearance and high patient satisfaction in just a few short sessions, adding another Plug&Play application to your Lovely II system and enhancing your practice.

The Most Advanced Technology Around

Optimal acne clearance results require adequate skin penetration and proliferation of porphyrins in order to destroy the P. acnes and achieve subsequent clearance of inflammatory acne. To provide outstanding acne clearance, Lovely's Acne handpiece employs LEO technology based on two novel electro-optical components:

- **Advanced Fluorescence Technology (AFT™)** – a special filtering system that converts the unused shortwave light into the blue spectrum, thus amplifying spectral emission and enhanced penetration without using excessive energy levels to achieve optimal porphyrin proliferation.
- **Equally Distributed Fluence (EDF™)** – an innovation in electrical engineering that enables emission of a continuous square-shaped pulse to achieve a true long pulse with moderate peak power throughout the entire pulse duration, for outstanding results with unbeatable safety.





Light Energy Optimization

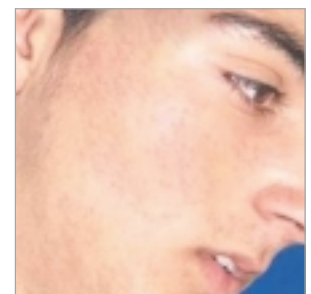
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A Spectrum of Benefits

- The most advanced light-based technology for unbeatable results and satisfaction.
- Ideal therapeutic wavelength for treating mild and moderate inflammatory acne with no adverse side effects or patient downtime.
- Optimal use of energy for increased safety and no need for cooling methods.
- High patient throughput – large spot size and ultra-fast repetition rate.
- Lightweight ergonomic design, long umbilical cord and user friendly interface for fast, easy and fatigue-free procedures.
- Significantly lower cost of ownership and cost per pulse vs. most other systems on the market.
- Immediate action – Plug&Play technology using the Lovely II platform with no downtime or need for system configuration when switching between hand pieces.



before and after 4 bi-weekly treatments



before and after 6 bi-weekly treatments



■ Technical Specifications

Light Source	LEO Pulsed Light with AFT and EDF
Wave Length	420-950nm
Energy Density (Fluence)	5-20 J/cm ²
Treatment Area (Spot Size)	40x16 mm (6.4 cm ²)
Pulse Width	30, 40, 50 msec (according to skin type)
Pulse Repetition Rate	1/3Hz

■ System Specifications

Electrical	100-120 VAC 5A, 50/60Hz 220-240 VAC, 5A, 50/60Hz
Weight	System - 88lbs. (40kg), Cart* - 77lbs. (35kg)
Dimensions (W x D x H)	26" x 18" x 16" (65 x 45 x 40 cm)
Cart* Dimensions (W x D x H)	22" x 22" x 30" (55 x 55 x 75cm)
<small>*optional</small>	

/DAM's group/



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