



LOVELY II™

Pigmented Lesions Hand Piece

Highly Safe, Effective and Fast Treatment of Pigmented Lesions

The Pigmented Lesion hand piece is a powerful addition to your Lovely II system that will enable you to treat a variety of cosmetic flaws stemming from the senescence of the skin to perfection. It employs MSQs proprietary Light Energy Optimization (LEO™) platform technology in the yellow (570-950nm) wavelength along with optimized adjustable treatment parameters to safely and effectively treat a broad range of benign pigmented epidermal and dermal lesions by selectively targeting and coagulating melanosomes in the lesions. The coagulated cells are removed through exfoliation as a natural external process. The Lovely II Pigmented Lesion Hand piece indications include:

- Dyspigmentation
- Lentigos
- Melasma
- Pores
- Flushing
- Ephelides
- Seborrheic keratoses
- Cafe au-lait
- Erythema
- Dyschromia

Easily expand your Lovely II system and your practice into one of the hottest fields of aesthetic treatments with this Plug&Play hand piece.

The Most Advanced Light-Based Technology Available

To achieve precision in selective absorption of the light energy and ensure cavitation and rupture of the targeted melanosomes and keratinocytes without causing epidermal damage, the Pigmented Lesion hand piece 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 visible yellow spectrum (570-950nm), thus amplifying spectral emission and enhanced penetration without using excessive energy levels.
- **Equally Distributed Fluence (EDF™)**
An innovation in electrical engineering that enables emission of a continuous square-shaped pulse to achieve moderate peak power throughout the entire pulse duration, for outstanding results with unbeatable safety.



LOVELY II™

A Spectrum of Benefits

- The most advanced light-based pigmented lesion removal technology for unbeatable results and satisfaction.
- Ideal therapeutic optical window and pulsewidths for treating benign pigmented epidermal lesions with no adverse side effects or patient downtime.
- Optimal use of energy for increased safety and no need for cooling methods.
- Ideal spectrum for aminolevulinic acid (ALA) photodynamic therapy (PDT) for photodamage and photoage treatments.
- Adjustable fluence and pulse width therapeutic parameters allow flexibility for treating a wide variety of indications and skin types.
- High patient throughput – large spot size and ultra-fast repetition rate enable removal of multiple lesions in a single, quick session.
- Lightweight ergonomic design, long umbilical cord and user friendly interface for fast, easy and fatigue-free procedures.
- Immediate action – Plug&Play technology using the Lovely II platform with no downtime or need for system configuration when switching between hand pieces.



Solar lentigos - before and after 2 treatments



Age-spots - before and after 3 treatments



Dyspigmentation - before and after 3 treatments



■ Technical Specifications

Light Source

LEO Pulsed Light with AFT and EDF

Wave Length

570-950 nm

Energy Density (Fluence)

5-20 J/cm²

Treatment Area (Spot Size)

40x16 mm (6.4 cm²)

Pulse Width

10, 12, 15 msec

Pulse Repetition Rate

1/3 Hz

■ 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" (55x55x75 cm)

*optional



Msq (M²) Ltd.
7 Haeshel Street, Caesarea Industrial
Park, Caesarea 38900, Israel

Tel: +972-4-627-5357
Fax: +972-4-627-5368

e-mail: info@msq.co.il
web site: www.msq.co.il