

# LOVELY II™

## Long Pulse Nd:YAG 1320nm laser hand piece

### Nonablative laser skin resurfacing

The 1320nm Nd:YAG laser handpiece of the Lovely II achieves deep penetration and selective targeting of water-containing tissue to induce significant improvement in and treatment of various aesthetic imperfections, including:

- fine line and wrinkles,
- atrophic acne scars (rolling and boxcar)
- mild-to-moderate inflammatory acne (including back acne)

The mid-infrared 1320nm wavelength leads to deep penetration and efficient rise in dermal temperature. The heated dermis commences changes in dermal collagen with a subsequent wound healing response. The result is an increase in collagen fiber density, alignment, homogenization, and contraction in the papillary dermis, creating remodeling and tightening and leading to highly noticeable cosmetic improvements.

In acne treatment, the dermal heating achieved disrupts the sebaceous glands, while involution of the glands induces a long-term remission of the acne.

### Cutting Edge Technology for Optimal Performance

#### Innovation

MSQ's lasers are a breakthrough in laser technology. The laser handpieces are fully interchangeable - each handpiece connects to the Lovely II system seamlessly and effortlessly and is ready for use in a matter of seconds with no need for programming, adjustments or reconfiguring, as the pulse width and repetition rate are preprogrammed by the system.

#### Safety and Ease of Use

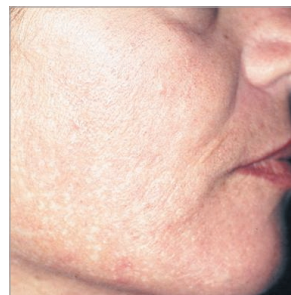
MSQ's innovative design enables the location of the entire optical bench within the hand piece. It incorporates modular, forced air cooling adaptor (Zimmer, Cryo 5) to maximize epidermal protection and minimize patient discomfort. The light-weight (350 gr), ergonomic design allows fast, accurate, fatigue-free procedures with unbeatable results.



# LOVELY II™ Lasers

## A Spectrum of Benefits

- Cutting-edge laser technology for non-invasive, deep penetration and significant aesthetic improvement in fine line and wrinkles, atrophic acne scars and mild-to-moderate inflammatory acne (including back acne).
- Ideal therapeutic wavelength (1320nm) for nonspecific absorption by dermal water and deep penetration into the papillary and mid-reticular dermis, and pulse width of up to 50 msec.
- Built-in safety features – continuous forced cold air by special modular adaptor for optimal energy and unbeatable safety, including in darker skin phenotypes (IV-VI).
- Comfortable, light-weight (350 gram), ergonomic design and user friendly interface for fast, fatigue-free procedures and maximum operator comfort.
- 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.
- Bi-modal approach when used together with other Lovely II laser and LEO handpieces, for the most comprehensive range of treatments.



Acne scars - before and after 5 treatments



Wrinkles - before and after 6 treatments



Wrinkles - before and after 5 treatments



### ■ Technical Specifications

|                            |                          |
|----------------------------|--------------------------|
| Laser Type                 | Long Pulse Nd:YAG        |
| Energy Density (Fluence)   | 5 - 40 J/cm <sup>2</sup> |
| Wavelength (nm)            | 1320                     |
| Treatment Area (Spot Size) | 6 mm                     |
| Pulse Width (msec)         | 30, 40, 50               |
| Pulse Repetition Rate      | 1/3 Hz                   |
| Cooling                    | Forced cold air (Zimmer) |
| Hand piece weight          | 350 grams                |

### ■ System Specifications

|                              |  |
|------------------------------|--|
| Electrical                   | 100-120 VAC, 5A, 50/60 Hz<br>220-240 VAC, 5A, 50/60 Hz |
| Weight                       | System - 88 lbs. (40 kg), Cart* - 77 lbs. (35 kg)      |
| 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 75 cm)                      |

\*optional



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