

LOVELY II™

2940nm Er:YAG Laser Handpiece for Skin Resurfacing

Powerful, Minimally Ablative Technology for Aesthetic Surgery

The Lovely II Er:YAG 2940nm laser handpiece is powered by a robust, precision technology that enables controlled skin injury for many skin abnormalities attributed to photodamage/photoage skin. It provides a very safe and comfortable means to trigger superficial thermal injury that creates smoother, healthier more revitalized skin. The precise tissue ablation and small zone of residual thermal damage results in faster re-epithelialization and improved morbidity. The safety, accuracy and ease of use eliminate the need for lengthy and complex pre and post treatment procedures and result in no or limited patient downtime.

The Er:YAG 2940nm handpiece features 3 different programs for freehand procedure:

Mode	Ablation Depth (µm)	Spot Size (mm)	Action
Gentle Peel	1-20	4	Peeling: fine lines and skin texture improvement
Skin Remodeling	10-350	4	Wrinkles, photodamage skin improvement
Surgi-Light	Depth control up to 1400 mJ/P @ 1msec	1	Cutting: incision, excision, ablation, vaporization

The Er:YAG handpiece can fit 1 mm & 4mm spot sizes that provide adequate short pulse durations and different penetration depths, to effectively treat and improve a wide range of skin anomalies, such as rhytides, epidermal nevi, skin tags, verrucae, keratoses, acne scars, leucoplasia, rhinophyma, debulking benign tumors, and other flat epidermal lesions.

Cutting Edge Technology for Optimal Performance

The Er:YAG 2940nm laser technology offers a range of benefits. Innovative design and technology help reduce cost of ownership and maintenance, as well as increase system reliability. By incorporating the laser into the handpiece, MSQ offers a smaller and lighter solution than other comparable laser systems on the market – a great advantage especially for mobile and/or small physician offices. The light-weight (350 gr), ergonomic design allows fast, accurate, fatigue-free procedures with unbeatable results.



LOVELY II™ Lasers

A Spectrum of Benefits

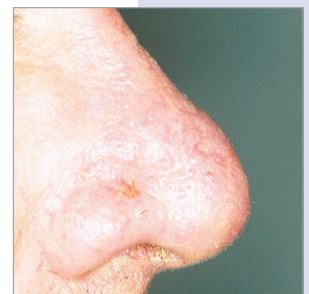
- Direct delivery, cutting-edge laser technology for minimally ablative skin resurfacing.
- Relatively constant thermal damage even after multiple passes; minimal nonthermal collateral damage and low morbidity.
- 1mm & 4mm spot sizes (tips) for optimal collateral thermal injury and depth penetration that deliver unbeatable clinical results.
- 3 different programs for a wide range of freehand treatment possibilities.
- Recognizable adaptor, and quick snap disposable tip.
- Optical bench design built into the handpiece for unbeatable safety and efficiency.
- 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, maintenance and cost.
- Immediate action – Plug&Play technology with no downtime or need for system configuration.



Leucoplakia



Resurfacing



Rhinophyma

Courtesy of Arie Orenstein, MD.

[DAS group]



■ Technical Specifications

Laser Type	Erbium:YAG
Wavelength (nm)	2940nm
Energy Density (Fluence)	Up to 1400 mJ/Pulse
Beam Delivery	Direct
Treatment Area (Spot Size)	1mm & 4mm
Modes	Gentle Peel (1-20 μm); Skin Remodeling (10-350μm); Surgi-Light (cutting)
Pulse Repetition Rate(Hz)	5Hz
Hand piece weight	350 grams

■ 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 75 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

