

1064nm Long Pulsed Nd:YAG Laser

# LUCID LY

*Automatic skin diagnosis system*

*Auto-adjustable spot size*

*Dual touch display*

*Cooling spray*

# 1064nm LONG PUL

## LUCID LY

### 1064nm Long Pulsed Nd:YAG Laser



Lucid LY has low absorption in melanin and deeper skin penetration due to its high energy. It stimulates dermis layer without damage of epidermis, rearranges collagen and thus improves loose skin and fine wrinkles.

Especially, it is effective for treating varicose veins since 1064nm wavelength has a good absorption in blue. The advantage of Lucid LY comparing to dye laser is its deeper penetration and fewer side effects caused by low absorption in melanin.

#### Additional Dual Touch Display synchronized with Camera

With real-time taken images by camera inside the hand piece, doctors can compare the patient's skin condition before/after the procedure on the additional 7 inch Monitor.

The System Control Feature is applicable with the 10.4 inch main LCD monitor providing excellent visibility and operability.



#### Auto-adjustable spot size

Changing Spot size is available without replacing the tip, and the system recognizes it automatically providing user convenience and safety, and selective treatment of various areas is possible

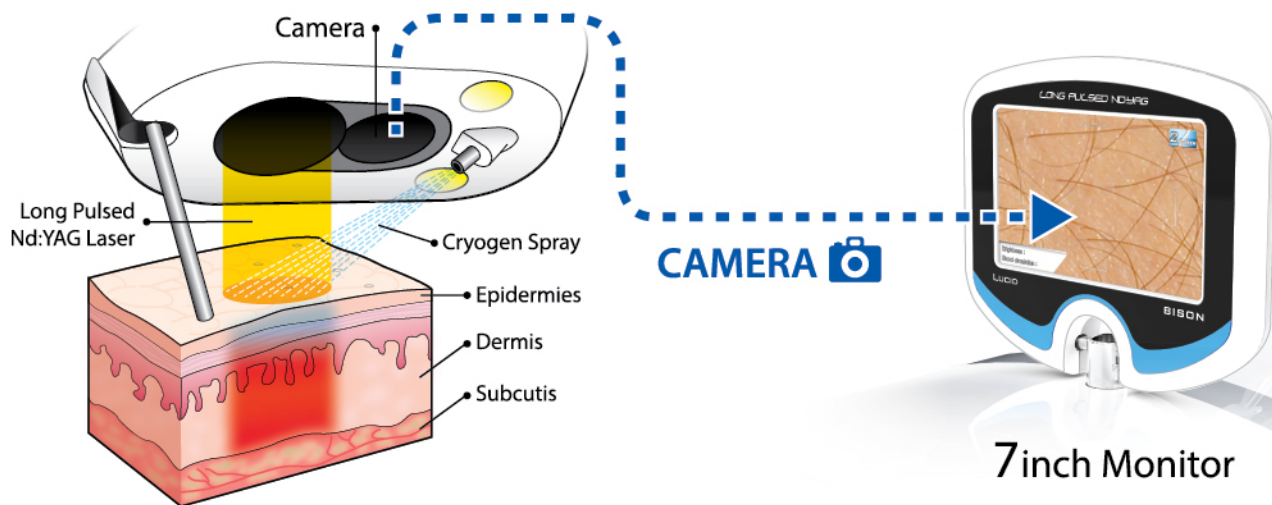


#### Mass Storage Space

Fast and accurate treatments tailored for each patient are applicable by saving the diverse lesions of patients at total 390 secured slots with 30 storage slots respectively for each of 12 built-in lesions and 1 user custom slot.



# SED Nd:YAG LASER



## Automatic skin diagnosis system

Automatic skin diagnosis is available displaying the skin condition, skin type, skin blood circulation and skin brightness on additional 7 inch Monitor, as measured by the camera on Hand Piece. Besides, doctors can take a photo by pressing the button on the hand piece and the taken images are displayed by PBP (Picture by picture) method, it is convenient to compare before/after photos. The images are saved in SD memory card and can be loaded any time



### SPOT SIZE (mm)

4

6

8

10

12

14

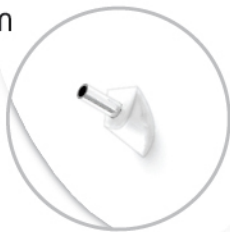
16

18

20

## Cooling spray system

The excellent cooling spray system of Lucid LY calms down the skin by direct cryogen method, and it minimizes the pain and side effects such as PIH after the treatment



## Unique Jog & Shuttle Controller

Easy and fast system control is possible with the adoption of unique jog & shuttle controller design.



## Intuitive and Convenient UI

Colorful and intuitive UI provided with 10.4 inch display monitor offers the variety of diverse function control modes with fast and easy touch operation and Jog Dial.



## Auto-Calibration System

Cost-effective and reliable treatment can be done in spite of long hours of use since its auto-calibration system provides consistent and stable energy output.



## System Specifications

### General

Dimension (W x D x H)	450 x 1040 x 950 (mm)
Weight	115 Kg
Weight including accessories	122 Kg
Main voltage	220/230V, 50/60Hz
Maximum power consumption	2990 VA
Main current	13 A
Safety class	Class IV laser

### Laser system

Laser type	Long pulsed Nd:YAG
Wavelength	1064nm
Beam delivery system	Via optical fiber Ø1000um x 3m
Aiming beam	658nm, 5mW
Maximum pulse fluence	600J/cm <sup>2</sup>
Frequency	0.4 ~ 10Hz
pulse width	0.2ms ~ 350ms
Laser cooling	Water-to-air heat exchanger
Spot size	4, 6, 8, 10, 12, 14, 16, 18, 20 (mm)

### Environmental Condition

Temperature	+10 ~ +40 °C
Relative humidity	30 ~ 75 %
Atmospheric pressure	700 ~ 1060 hPa

## Application

### Vascular lesion

Nasal vascular lesion  
Hot flashes  
Telangiectasia

### Pigmented lesion

Tattoo removal  
Nevus of ota  
Freckles  
Speckle  
Lentigo  
Melasma  
Dark circle

### Etc.

Acne Scar  
Acne Erythema  
Skin rejuvenation  
Face lifting  
Hair removal  
Blackhead  
Shrink pores  
Wart  
Nail fungus

**BISON**  
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Dermatologist Desired

