



REALIZATION OF IDEAL TECHNOLOGY EVERY DERMATOLOGIST DESIRES

1064nm / 532nm Q-Switched Nd:YAG Laser

LUCID QY

- Quasi-Long mode
- Auto-adjustable spot size
- 10.4 inch Touch display
- Unique jog & Shuttle controller

1064nm / 532nm Q-Switched Nd:YAG Laser

LUCIDQY

Lucid Q-switched Nd:YAG laser utilizing two wavelength both of 1064nm and 532nm with extremely short pulse during sustained period can be used in wide variety of applications with high efficiency as it is a highly effectual cure in Pigment Lesions on epidermis and dermis. In addition, an outstanding advantage of irradiated Lucid Q-switched Nd:YAG laser is that laser is selectively absorbed only into the melanin pigment without injuring adjacent tissues.

Mass storage space

Fast and accurate treatments tailored for each patient are applicable by saving the diverse lesions of patients at total 800 secured slots with 50 storage slots respectively for each of 15 built-in lesions and 1 user custom slot.

Stable power supply system

You can use it stably without change of energy even at longtime treatment since stable large output of power is used.

Quasi-Long mode

Quasi-Long Pulse(pulse width $300\mu\text{s}$ @ 1064nm) is a combination of toning and lifting which enables pigmented cells to absorb the laser selectively. It stimulates collagen by the destruction of pigmented cells, and it is useful to general skin for regenerating after peeling, improving loose skin, and minimizing large pores.

High pulse frequency

With fast irradiation speed of 15Hz, it minimizes skin exposure to the laser for less damage of normal tissues with shortened time of treatment.

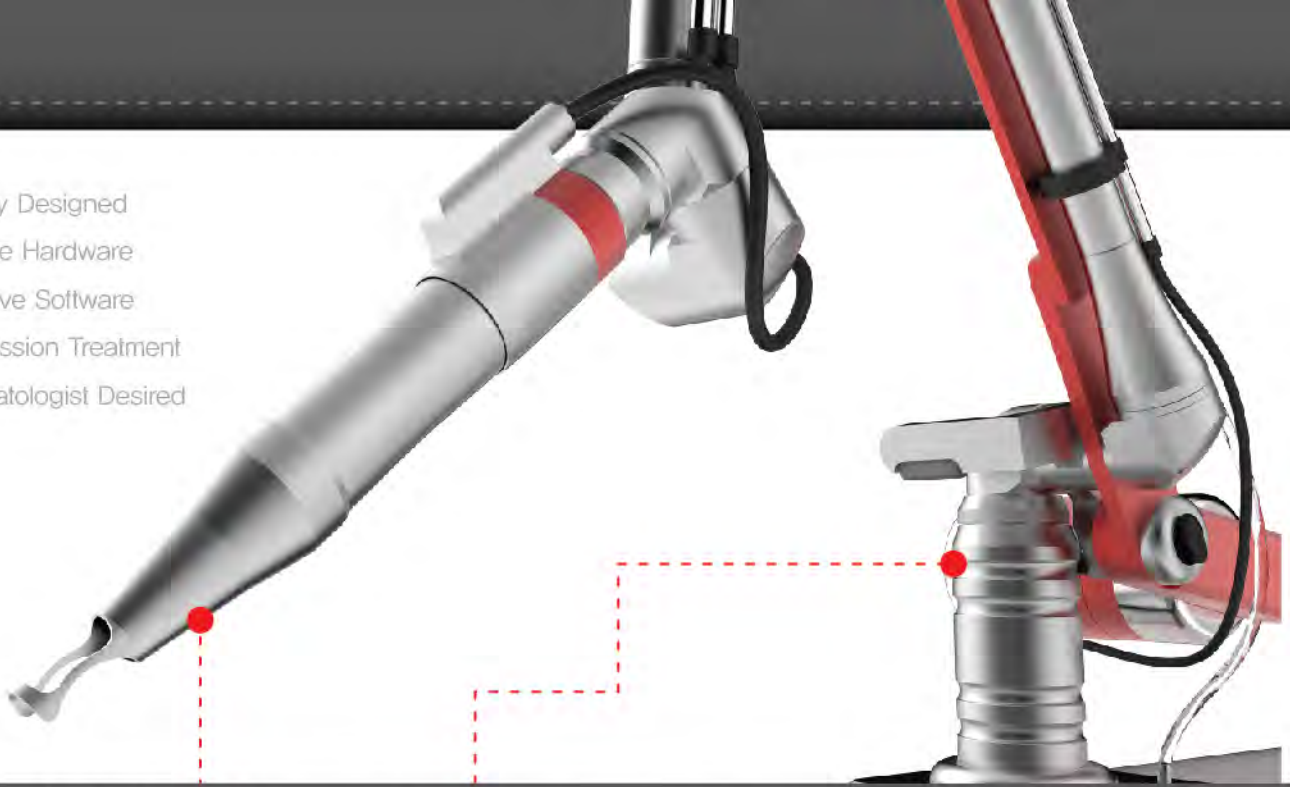


10.4 inch Touch Display



System can be controlled using 10.4 inch touch display with excellent visibility and operability.

Luxury Designed
 Unique Hardware
 Creative Software
 Impression Treatment
 Dermatologist Desired



Auto-adjustable spot size

Advanced arm

Top-Hat mode

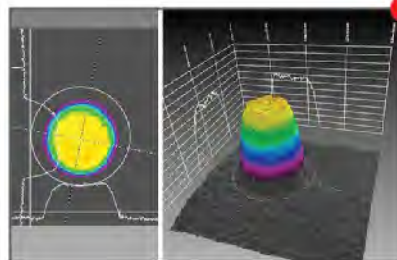
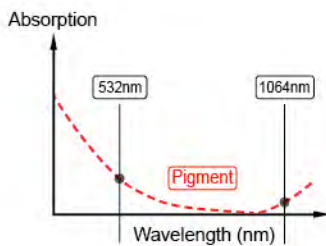
Unique jog & Shuttle controller

Spot size change is available without replacing the tip, and the system recognizes automatically for user convenience and safety, also selective treatment of various areas is available.

Arm adjustment by user's characteristic is available due to the use of robust high-class components, and it is more shock-resistant than existing products with advanced design.

Top-Hat mode is a unique high-technology which makes the laser not only irradiates energy equally but also reduces side effects such as PIH.

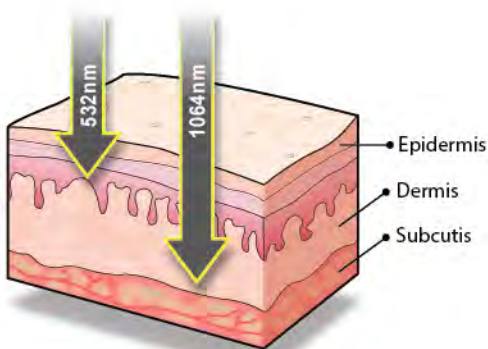
Easy and fast system control is available with the adoption of unique jog & shuttle controller design.



Top-Hat mode



Unique jog & Shuttle controller



532nm wavelength removes the pigmentation on epidermis, such as freckles, lentigos and age spots mostly, while 1064nm wavelength cures lesions responding to the pigmentation located deep inside of dermis, such as the tattoo, nevus of ota.

Pigmented lesion

Freckle / Speckle / Blemish / Cafe au lait spot / Becker's nevus / Nevus of ota / Abnom / Tattoo remova / Melasma / Hyperpigmentation

Etc. Skin rejuvenation / Shrink pores

Luxury Designed
Unique Hardware
Creative Software
Impression Treatment
Dermatologist Desired

System Specifications

General

Dimension (W x D x H)	320(W) x 830(D) x 1010(H) (mm) (Include Arm H : 1620 mm)
Weight	83 Kg
Weight including accessories	91.5 Kg
Main voltage	220/230V, 50/60Hz
Maximum power consumption	3000 VA
Main current	12 A
Safety class	Class IV laser

Laser system

Laser type	Q-Switched Nd:YAG
Wavelength	1064nm / 532nm
Beam delivery system	Via 7-articulated arm
Aiming beam	635nm, 5mW
Beam mode quality	Top Hat Mode
Energy	Up to 1600mJ @ 1064nm Quasi-Long
	Up to 1400mJ @ 1064nm Q-Switched
	Up to 600mJ @ 532nm Q-Switched
Pulse width	~5ns @ 1064nm Q-Switched
	~5ns @ 532nm Q-Switched
	300μs @ 1064nm Quasi-Long
Frequency	0.4 ~ 15Hz
Laser cooling	Water-to-air heat exchanger
Spot size	1064nm (1.5, 2, 3, 4, 5, 6, 7.5, 9,10)mm
	532nm (1, 1.5, 2.5, 3.5, 4.5, 5.5, 7, 8.5, 9.5)mm

Environmental Condition

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



BISON
 MEDICAL EQUIPMENT MANUFACTURER

Seungil Venture Tower, 371-42 Gasan-dong, Geumcheon-gu, Seoul 153-803, Korea
 Office: 503(5F), R&D: 504(5F), Factory: 205(2F)

Tel) +82-2-865-7121 Fax) +82-2-865-7131 sales@bisonmedical.com / bison@bisonmedical.com

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