



Manufacturer of Laser Devices.
Beyond Your Youth.

Iris

Q-switched Nd:YAG Laser



Bluecore Company Co., Ltd.

#1203, Centum Jungang-ro
48, Haeundae-gu, Busan,
South Korea

Technical Introduction

Understanding why Iris is different from
other Q-switched Nd:YAG Lasers



Why Bluetoning?

Benefits of Iris Bluetoning



1

Highest Energy

Highest Q-switched Nd:YAG energy Laser in the market with True 1600mj

2

Optimal Q Ratio

Effective Q ratio adjustment of 6:4 for the best toning results

3

Laser Stability

Dual Samarium chambers for the highest energy and Laser stability in the long-term

4

Effective Cooling

Patented double cooling system for a better system efficiency.

Importance of Beam Quality

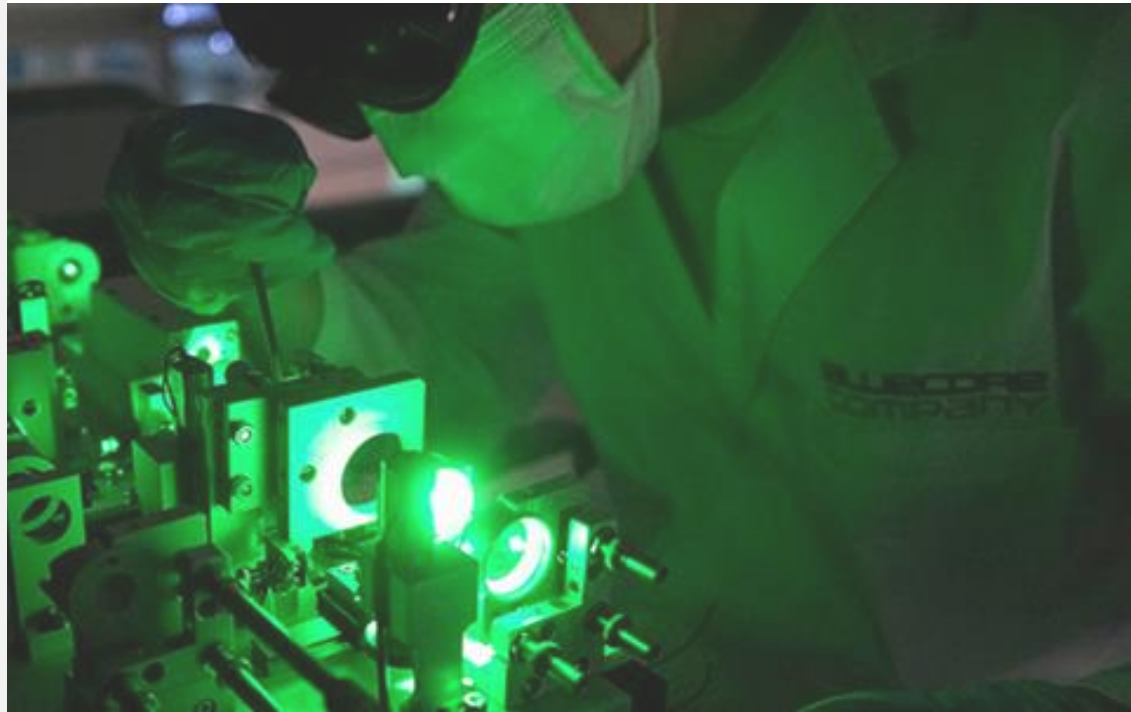
Understanding the importance of a high-quality Laser beam

Uniform Beam Quality

High-quality Laser beam allows to deliver a correct energy evenly to the skin and prevent any kind of complications, especially the post-inflammatory hyperpigmentation (PIH)

Energy Stability

Iris is rigorously tested to provide the same **consistent energy** after a long period. The operator can use the device the whole day without any energy fluctuation.



Key Points of Toning

Understanding how to perform a safe toning treatment



There are two key points of toning: using a **low thermal energy and a high repetition rate**.

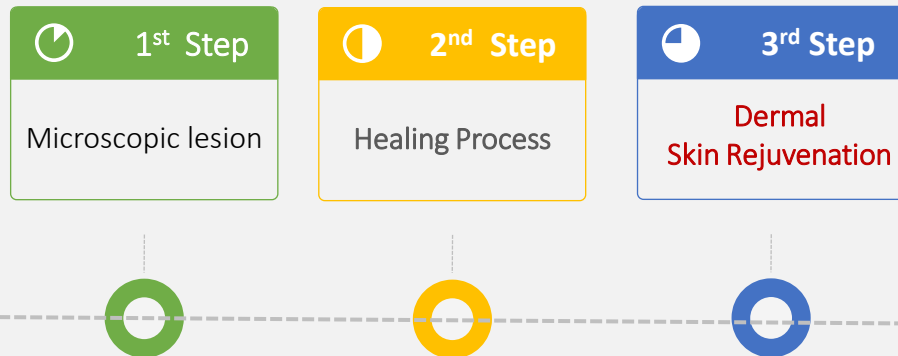
Iris is the first smart Laser device to operate with a **true 15Hz repetition rate**, enabling highly efficient performance in treating pigmented lesion by safely destroying pigments only while minimizing the patient's pain.

Fractional Treatment

Skin Rejuvenation with Iris Q-switched Nd:YAG

LIOB Treatments / MLA

IRIS optional MLA Handpiece allows to perform a fractional treatment allowing a LIOB mechanism for the best results of skin rejuvenation and collagen regeneration.



Highest Energy

The highest energy for a Q-switched Nd:YAG

True Maximum Energy

Iris show a **true 1600mJ** from the handpiece and a maximum 2300mJ from the body for the best treatment.

2300mJ from the body

1600mJ from the handpiece



Various Handpieces

A variety of handpieces for different kind of treatments



Focus Handpiece

1064 Fx Handpiece

Collimated Handpiece

MLA Handpiece

532 Fx Handpiece

585 Dye Handpiece

650 Ruby Handpiece

Beautiful Design

Iris has the most beautiful simple design to fit your practice

Iris
Bluetoning

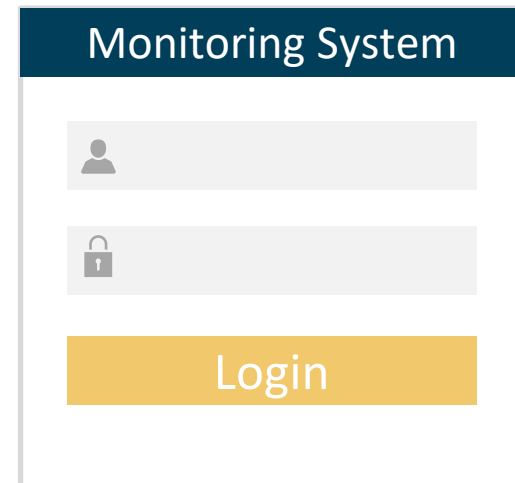


Online Monitoring

The first Laser in the world with an online monitoring system



Iris is monitored by a **CMS (Central Monitoring System)** which provides easy maintenance and immediate response.

A login form for the Monitoring System. The form has a dark blue header with the text "Monitoring System". Below the header, there are three input fields: a user icon, a password icon, and a yellow "Login" button. The form is enclosed in a light gray border.

Create your ID and follow-up with your device performance

Global Reach

Iris worldwide presence



32
Countries



Bluecore Company has sold over 800 units of Iris in 32 countries.

Clinical Introduction

Understanding Iris main indications and
method of treatment



Clinical Publications

Bluecore Company and Iris Q-switched Nd:YAG have been mentioned in different Literature, case studies and scientific research.



- ✓ Intense Pulsed Light and Q-Switched 1,064-nm Neodymium-Doped Yttrium Aluminum Garnet Laser Treatment for the Scarring Lesion of Discoid Lupus Erythematosus. 2017 The Korean Dermatological Association and The Korean Society for Investigative Dermatology.
- ✓ Feasibility of LED-Assisted CMOS Camera: Contrast Estimation for Laser Tattoo Treatment. Department of Biomedical Engineering, Appl. Sci. 2018.
- ✓ The use of a 532-nm laser fitted with a balloon and a cylindrical light diffuser to treat benign biliary stricture: a pilot study. Lasers in Medical Science (2020).
- ✓ Feasibility Study of Cylindrically Diffusing 532 nm Wavelength for Treatment of Pancreatic Cancer. Korean Phys. Soc. 73, 1619-1624 (2018).

Main Indications

Iris can treat different kind of pigmented lesions and tattoos





- ✓ Melasma
- ✓ Tattoo Removal
- ✓ PIH
- ✓ Abnom
- ✓ Nevus of OTA
- ✓ Freckles
- ✓ Skin Lifting/Tightening
- ✓ Carbon Peeling
- ✓ Brightening/Toning
- ✓ Café-au-lait
- ✓ Lentigos

Melasma

Treatment procedure for Melasma



 SLP, 7mm, 1.2J, 1500 shots
→ 1 pass

 Bluetoning, 7mm, 1.2J, 1500 shots
→ 2 passes

 1064, 5mm, 1.2J~1.5J
→ selective lesions

Tattoo Removal

Treatment procedure for dark colors tattoo removal



Anesthesia cream

→ Leave for 30 minutes



Selective treatment with 1064

→ Starting 3J (Fluence) with spot size 3~4mm

→ Check the skin response.

→ If there is enough instant whitening, keep using the same energy. If not, increase the energy gradually.



Wound sticker

→ Apply a wound sticker in case there is bleeding



Post management for 4-6 weeks

Lentigo & Age Spot

Epidermal melanin hyperpigmentation



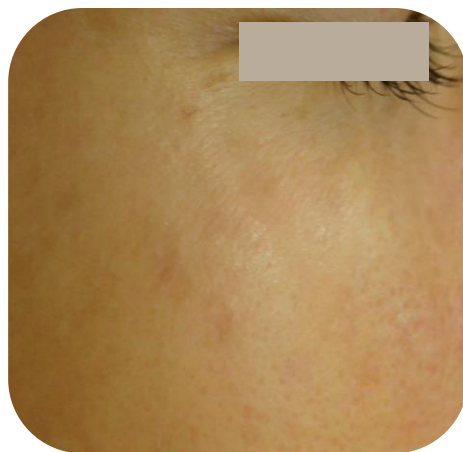
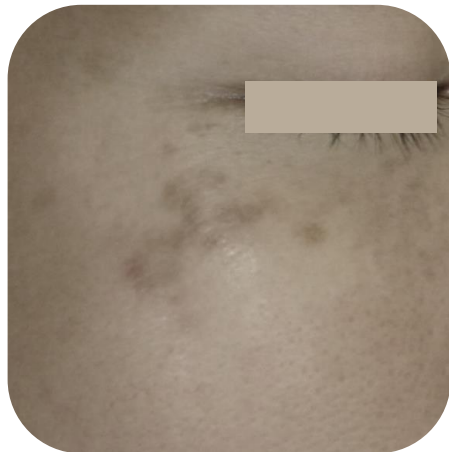
- Iris only: 532nm + 1064nm
- Endpoint : gray color change
- Duoderm dressing
- (3mm, 1~1.7J, 1~2 Sessions, 4 Weeks)



- Window Technique (combo)
- Fouri Erbium laser: epidermal Micro cutting
- Iris 1064 Laser Toning deep thermal
- Duoderm dressing (wound sticker)

Nevus of Ota / Abnom

Dermal melanin hyperpigmentation



SLP selective treatment
→ 1.5J / 7mm



532nm selective treatment
→ 1.2J / 2mm



1064nm selective treatment
→ 6J / 3mm



Bluetoning full pass
→ 1.2J / 7mm

Café au Lait

Epidermal melanin hyperpigmentation



SLP selective treatment
→ 1.5J / 7mm



532nm selective treatment
→ (0.8J / 4mm ~ 1.2J / 2mm)



1064nm selective treatment
→ 6J / 3mm



Bluetoning full pass
→ 1.2J / 7mm

PIH

Post-inflammatory Hyperpigmentation



SLP selective treatment
→ 1.5J / 7mm



Bluetoning 2 times
→ 1.2J / 7mm

Carbon Peeling

Reducing large pores and whitening effect



*sample image



Apply a small portion of the carbon cream and wait 5 mins to dry



SLP 1.5J ~ 2J / 7mm
→ 2 passes



Bluetoning (1.2J / 7mm)
→ 1 pass

Inflammatory Acne

Remove the bacteria from the acne and reduce acne formation



*sample image



SLP 1.5J ~ 2J / 7mm

→ Full Pass

→ Selective pass on the top of the acne with max energy 3mm



Bluetoning (1.2J / 7mm)

→ 1 pass



Post management for 2~3 weeks



Iris
Bluetoning



#1203, Centum
Jungangro48, Haeundae-gu,
Busan, South Korea



(82) 51-747-4318
(82) 51-747-4319



bluecorecompany.com
info@bluecorecompany.com

Thank You

