

The Advancement of Laser Technology

A Single Device that delivers safe and effective clinical results for the treatment of vascular, pigmented, and cutaneous lesions as well as skin rejuvenation

The IRIS is the complete solution for treatment of vascular, pigmented, and cutaneous lesions as well as skin rejuvenation. Due to its OPSSL (Optical Pumped Semiconductor Laser), which is the newest Diode amplification method, this device is able to deliver far superior efficiency and longevity compared to the older DPSS technology.

The high absorption rate of hemoglobin and melanin at the 532nm wavelength renders the IRIS as the ideal device to treat superficial and fine vascular lesions, deeper and larger vascular lesions, and a wide-array of skin pigmentation conditions.

The synergy of 532nm normal, 532nm scanning, and 940nm normal allows customization of treatment for various cutaneous lesions and shows outstanding improvement for melasma, spots, and facial skin tone.

Multiple **IRIS**

Multiple IRIS – To be an expert in vascular & pigmentation treatment you need the New Green Laser – you need the IRIS.

Indications

- Telangiectasia
- Poikiloderma of Civatte
- Cherry Angioma
- Port wine stain
- Pigmentation
- Skin Tone
- Acne Control
- Freckles
- Rosacea
- Spots
- Spider Angiomas
- Redness
- Melasma
- Sebum



Creativeilooda
www.ilooda.com

Cryomed

Multiple IRIS

New Green Laser System

532 nm wavelength

- Superior effectivity for small and superficial epidermal vessels (50 - 200um diameter)
- High absorption 532nm treatments are the preferred modality for smaller and more superficial vessels
- The 532nm wavelength has an optimum absorption rate for oxyhaemoglobin.
- Compared to Ruby, Alexandrite, or Nd:YAG lasers, the 532nm wavelength has a higher absorption rate for melanin, which will deliver better results for pigmentation conditions vs. IPL and other lasers.
- Minimal side-effects and few complications apart from mild purpura. Less thermal damage means less discomfort during treatments and significantly less downtime.

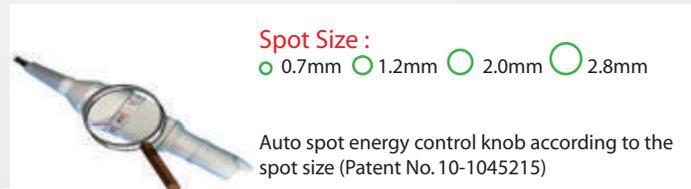
940 nm wavelength

- The moderate absorption 940nm treatment allows for the longer wavelength to penetrate deeper into the skin and more uniformly heat larger and deeper vessels
- Capability to increase fluence overcomes the moderate absorption coefficient of the laser
- Among near-IR wavelengths, 940nm is optimal since it possesses the highest oxyhemoglobin absorption coefficient. This higher coefficient pairs perfectly with the deep penetration of the laser to specifically target deeper vessels.
- This selectivity is also higher than 1064nm so it results in reduced discomfort and potential side effects post-treatment.

Specifications

Laser	Optically Pumped Semiconductor Laser
Wavelength	532nm, 940nm (Option)
Power (Max)	532 - 8.0W / 940 - 40.0W
Aiming	532 - 532nm Max 35mW / 940 - 650nm Max 5mW
Pulse RepetitionRate	532 - 0 ~ 15Hz
Energy Output	Up to 120 J/cm ₂
	532 (Scanning) - 1~100Hz
	940 - 0 ~ 15Hz
Spot Size	532 / 940 - 0.7, 1.2, 2.0, 2.8 / 532 (Scanning) - 1.2mm
Treatment Area	532 (Scanning) - 1.0 ~ 20mm
Pulse Duration	532/940 - 400ms / 532 (Scanning) - 100ms
Electrical Power	100 - 240 VAC - 50 / 60Hz
Cooling	Skin Contact Cooling

To be an expert in vascular & pigmentation treatment you need the New Green Laser – you need the IRIS.



Spot Size :
 ○ 0.7mm ○ 1.2mm ○ 2.0mm ○ 2.8mm

Auto spot energy control knob according to the spot size (Patent No. 10-1045215)