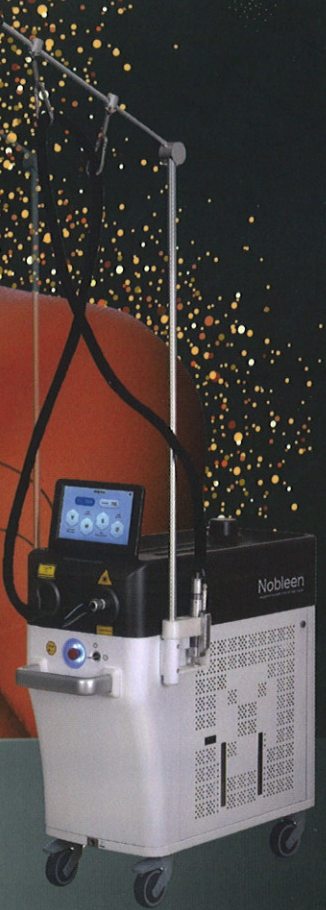


For Export

Nobleen



 **FineMEC**
BEYOND YOUR BEAUTIFUL LIFE

Nobleen

Simply the Best 755/1064nm Dual Laser in the Medical Aesthetic Market



The new concept Laser for hair removal vascular lesion and rejuvenation treatment. Nobleen is one of the most advanced and innovative dual Nd:YAG & Alexandrite Laser available in the medical aesthetic market.

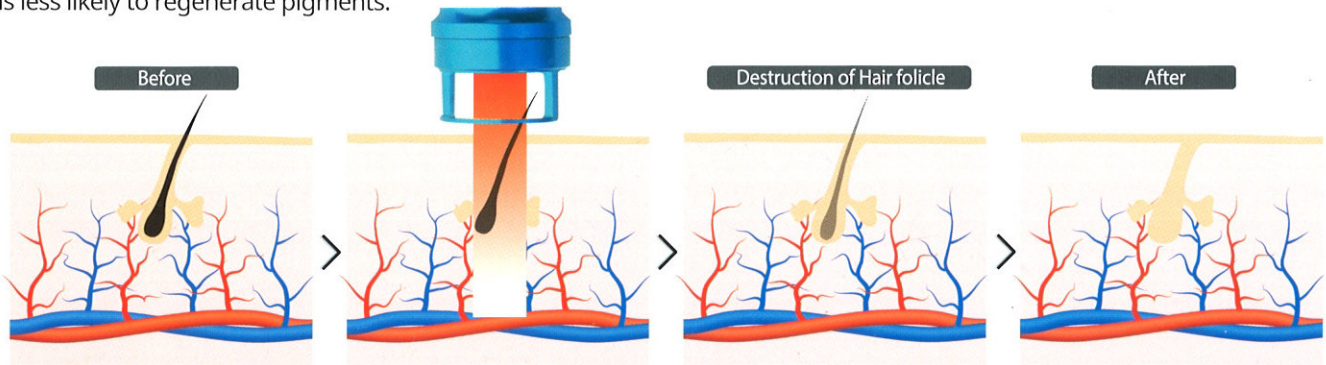
It is also one of the fastest and pain-free hair removal device. Especially fine hair can be treated very effectively.

The 'Noble fractional technology' is an innovative solution that provides the most advanced melasma and pigment lesions. It has been developed by FineMEC 20 years experience in Laser manufacturing and it delivers not only excellent result but also very safe treatment.

Indication of Long-pulsed Alexandrite LASER (755nm)

Hair Removal

Alexandrite is effective for long-term or permanent hair reduction in the Fitzpatrick skin types I-VI through selective targeting of melanin in hair follicles. By selectively concentrating heat only on the melanin pigment with properties of a high absorption of melanin, it gives little damage to skin tissue. Long pulsed alexandrite penetrates deeply into the skin and is less likely to regenerate pigments.



Benign Pigmented Lesion

Long-pulsed alexandrite laser has been used effectively and safely for treatment of various pigmented lesions, including seborrheic keratoses, congenital melanocytic nevus, freckles, and lentigines. It also works for treating a wide range of superficial pigmented lesions, enabling treatments from lentigos to leg and spider veins.

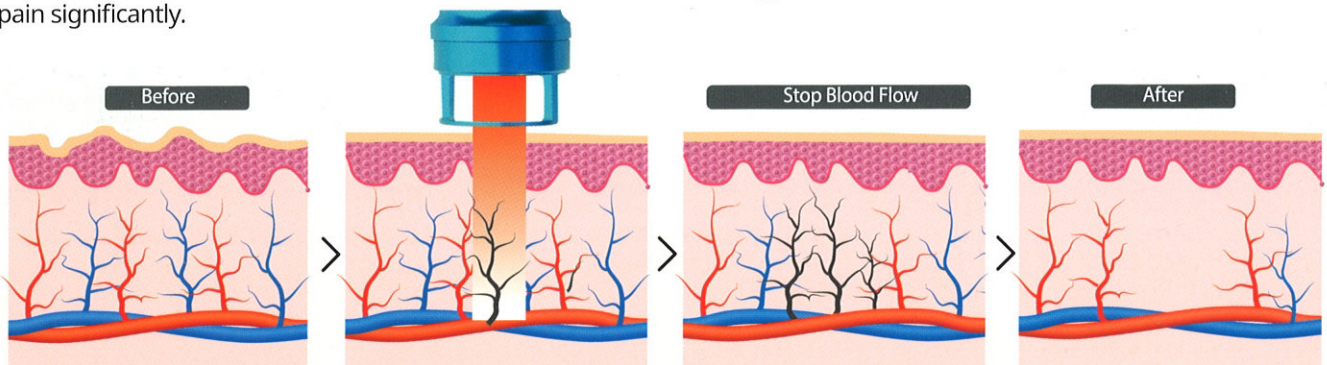
Melasma

Melasma is an acquired pigmentary disorder characterized by irregular brown macules and patches on the face, and it is a frequent cosmetic concern for everyone. FineMEC's innovative Fractional Handpiece with special parameter of Nobleen would deliver bright skin texture with minimal side effect.

Indication of Long-pulsed Nd:YAG LASER (1064nm)

Vascular

In general, the blue leg veins have less in amount of oxidized hemoglobin, and the blood vessels are deep and thick, making it difficult to treat with short pulse lasers, but long pulsed Nd:YAG laser is able to treat effectively blue blood vessels. Thus, successful vascular treatment even with low energy can reduce adverse side effects and pain significantly.



Rejuvenation

The long-pulsed Nd:YAG laser is the best tool for enhancing the appearance and texture of the skin from deep within the layers of skin. It utilizes infrared light technology to penetrate the skin. In addition, it is much more penetrating than IPL technology which was previously thought to be the best method of laser skin rejuvenation. The long-pulsed Nd:YAG laser works by penetrating the pigments in the skin, as they absorb the energy of the laser. This mild inflammation stimulates the recovery process of the skin which generates new tissue and fresh new skin cells.

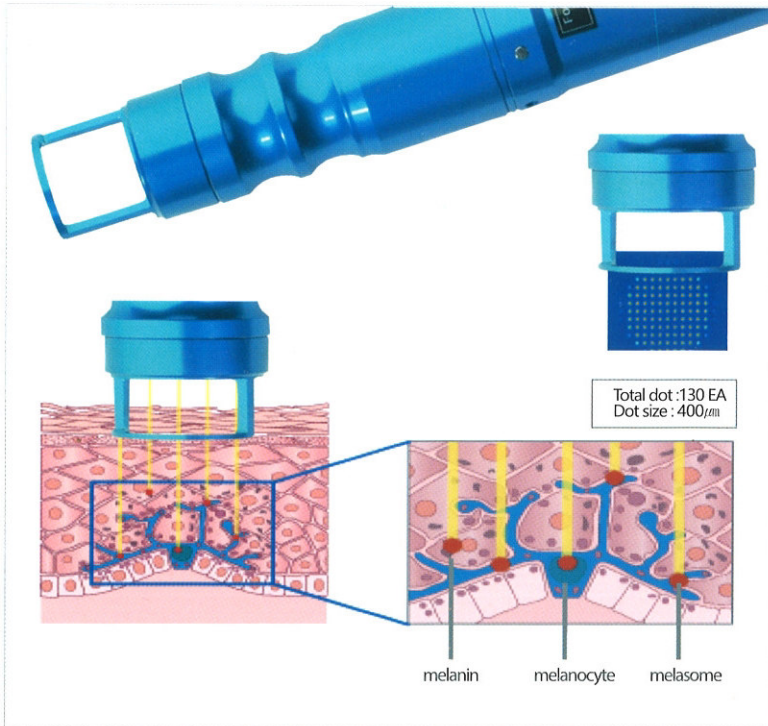
Tightening

Facial skin laxity generally connected with aging and loss of tissue volume is one of the major causes for women to decide for Laser treatment. The long-pulsed Nd:YAG is an excellent alternative to threads in face lift procedures performing a better treatment in skin tightening with reduction of deeper wrinkles. It finally stimulates the formation of new collagen in the deep dermis resulting in a tighter, more youthful appearance by beaming energy into the deeper layers of the skin and subcutaneous tissues.

Main Advantages

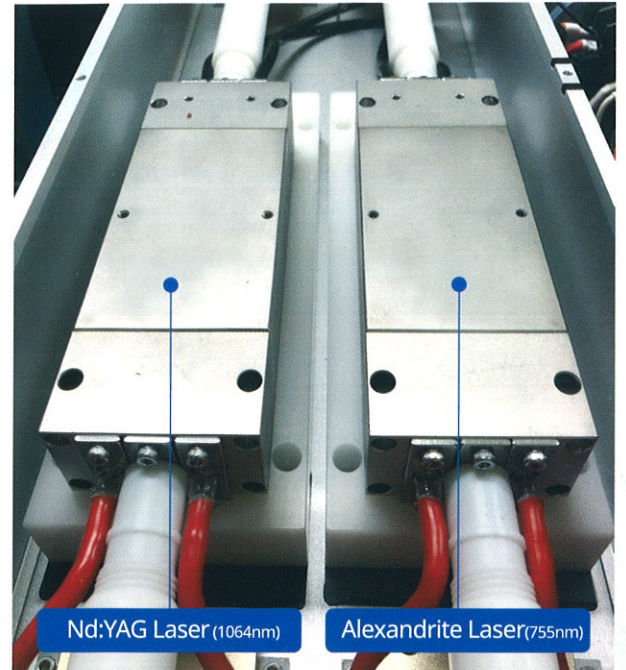
Patented 755nm Fractional Handpiece(optional)

Cutting-edge technology with the newest advanced generation of 755nm fractional handpiece provides an outstanding whitening and melasma treatment over 130 dots(400um size) protect the sensible skin and minimize the risk of PIH and hypo-pigmentation.



Power of Dual Wavelengths

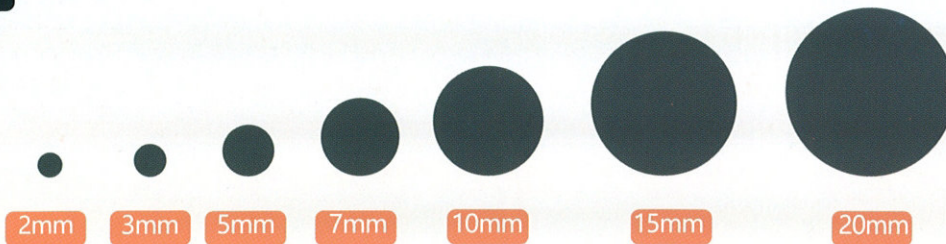
755nm Alexandrite and 1064nm Nd:YAG laser combination offers a wide range of treatments for all kinds of skin types



Flexible Spot Size in One Handpiece

Adjustable dual cylinder zoom handpiece offers a variety of spot sizes (2~20mm) for individual needs.

Spot size



High Power Energy & Virtually Pain-free Solution

Stable output energy of 80J (755nm)/ 100J (1064nm) and powerful max. 600 J/cm² fluence delivery ensure fast performance

Safe and Proven Preset Parameter

Clinically proven pre-set parameters provide safe and effective treatments with 48 memories storable & user-friendly UI

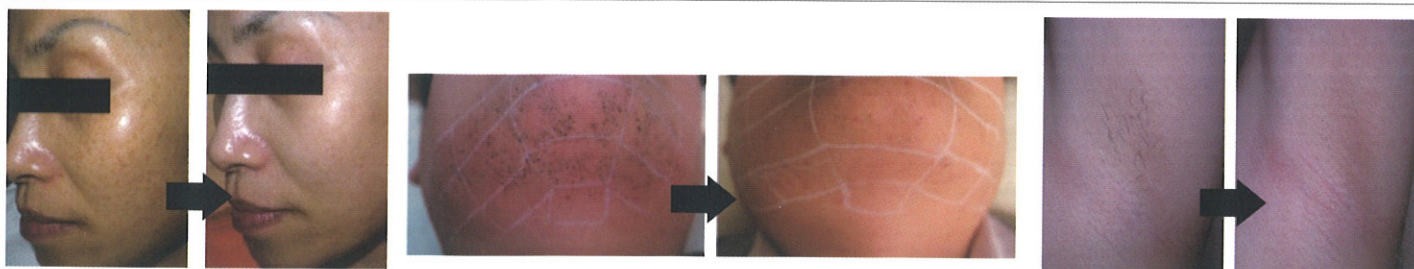
Powerful Cooling & Virtually Pain-free Solution

RCS Gas Cooling protects the epidermis and optional Zimmer air cooler adaptor provides maximum patient comfort

Ultra Fast

One of the fastest hair removal device in the market with a repetition rate up to 20Hz helps you to run a profitable clinic

Alexandrite

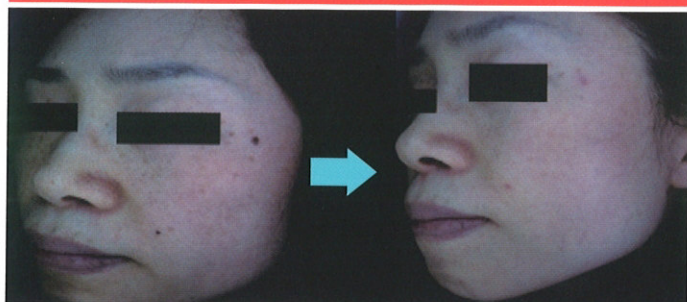


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Nd:YAG



Melasma



Melasma&Pigmentation



Hair Removal



Blue Vein



Telangiectasia



Specifications

	Alexandrite	Nd:YAG
Wavelength	755nm	1064nm
Repetition	1~20Hz	
Output Energy	Up to 80J	Up to 100J
Pulse Width	0.08~100ms	0.08~300ms
Spot Size	2mm, 3mm, 5mm, 7mm, 10mm, 15mm, 20mm	
Fluence - 2mm	1 to 600 J/cm ²	1 to 400 J/cm ²
Fluence - 3mm	1 to 600 J/cm ²	1 to 400 J/cm ²
Fluence - 5mm	1 to 200 J/cm ²	1 to 200 J/cm ²
Fluence - 7mm	1 to 150 J/cm ²	1 to 150 J/cm ²
Fluence - 10mm	1 to 70 J/cm ²	1 to 100 J/cm ²
Fluence - 15mm	1 to 31 J/cm ²	1 to 45 J/cm ²
Fluence - 20mm	1 to 18 J/cm ²	1 to 25 J/cm ²
Fractional Handpiece	15mm Spot size (130 dots, 400 μ m dot size)	
Beam Delivery	Lens coupled optical fiber with handpiece	
Aiming Beam	22mW laser diode (350nm)	
Control Panel	Touch screen input interface	
Pulse Control	Foot switch	
Skin cooling System	Selective RCS gas cooling / Air cooling(external)	
Duration of Cooling Spray	5~20ms(Pre/Post)	
Electrical Requirements	AC 220V 30A (60Hz, single phase), Power consumption 6.6KVA	
Dimensions	880(H) × 385(W) × 950(L)	
Weight	85Kg	

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FDA
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TEL+82-309-1882 | FAX+82-2-376-1884
#604-1,217,Heojun-ro,Gangseo-gu,Seoul,Korea 07531
www.finemec.co.kr | E-Mail info@finemec.co.kr
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