FineMEC

Noblex

755nm Long Pulsed Alexandrite Laser System

FDA CE 0434 GMP KFDA

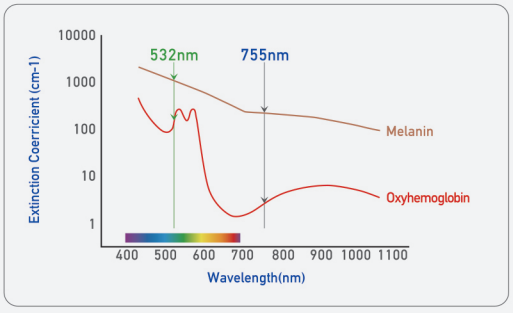
755nm Long Pulsed Alexandrite Laser with Unique & Patented Fractional Handpiece

Noblex is an outstanding long-pulsed Alexandrite laser with Fractional Handpiece, firstly invented and patented by FineMEC, Korea.
It adopts stable and powerful power supply up to 70J based on square pulse type and which realizes more consistent and safer treatment results.
Specially designed its zoom handpiece irradiates the perfect and uniform beam profile from Φ2 to 20mm without changing handpiece or distance guide.

Features

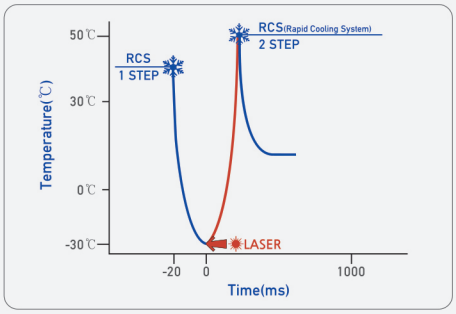
- Stable and powerful output up to 70J
- Fast and precise treatment with repetition rate up to 10Hz
- Selective RCS Gas Cooling and Air Cooling
- Adjustable Dual cylinder zoom handpiece
- Uniform beam quality from Φ2 to 20mm
- Total 24 memories with preset parameter

Why 755nm is superior than 532nm?



755nm wavelength has high absorption by melanin, but relatively low absorption by oxyhemoglobin, while 532nm has high absorption by both melanin and hemoglobin, which means 755nm has less thermal damage to the surrounded normal tissue than 532nm and less risk of PIH than 532nm.

Outstanding RCS Gas Cooling

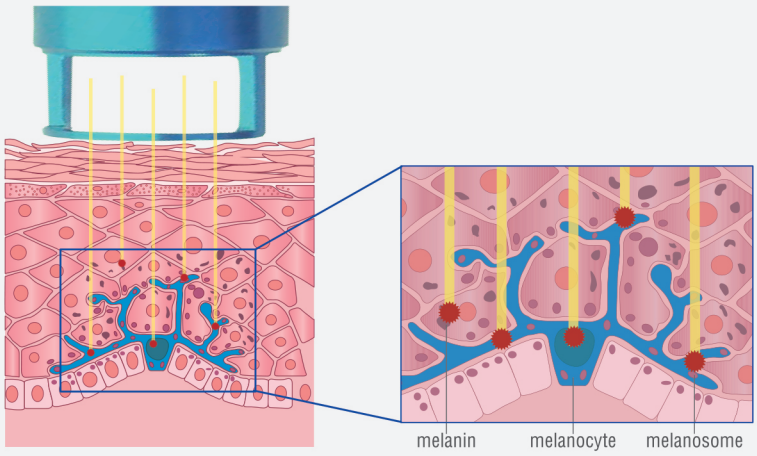


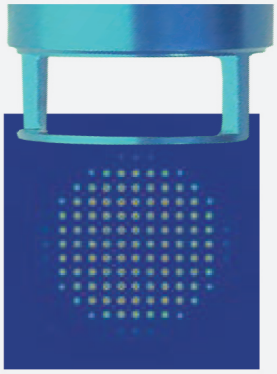
- Selective “pre-/post- treatment” gas cooling
- Rapidly and effectively cool down the epidermis
- The special sensor automatically adjusts the pressure and temperature of the container.
- Safe treatment, less side effect, more effective treatment results.

Fractional Handpiece *(*option)*

» Noble Technique™
: New Generation Whitening and Melasma Treatment

755nm wavelength has high absorption by not only melanin,
but also by melanocyte and melanosome and destroys them selectively and effectively.





Total dot : 130EA
Dot size : 400μm

Main Handpiece

Uniform beam profile up to 2 to 20mm without changing main handpiece.
Convenient use and also saving treatment hours.

Indications

- Hair removal
- Pigmented lesions
- Melasma
- Alex toning
- Noble technique™

Specifications

Module	Long Pulsed Alexandrite laser
Wavelength	755 nm
Pulse width	0.2 to 300 ms (triple)
Pulse delay	0 to 90 ms
Output energy	up to 70 J
Control panel	Touch screen input interface
Electronic control	Microprocessor
Repetition rate	0.5 to 10 Hz
Main Handpiece Spot size	2mm to 20mm (2, 3, 5, 7, 10, 15, 20 mm)
Fractional Handpiece (*optional)	15mm Spot size <130 dots, 400㎛ dots size>
Pulse control	Foot switch
Beam delivery	Lens-coupled optical fiber with hand piece
Electrical requirements	AC 230 V / 30 A (50/60Hz single phase)
Skin cooling system	Selective RCS Gas Cooling / Air Cooling(external)
Cooling requirements	Water cooling
Aiming beam	22mW Laser Diode (650nm)
Dimensions	850(H) × 385(W) × 950(D) mm
Weight	80 Kg

FineMEC
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