

Indication

Hair removal

- Dark/light hair
- Thick/thin hair
- Any body areas
- Any skin types

Vascular lesions

- Telangiectasia
- Blue vascular
- Facial flushing
- Inflammatory acne
- Rosacea
- Nevus flammeus
- Hemangioma
- Spider veins

Rejuvenation

- Wrinkles
- Skin laxity

Pigmented lesions

- Freckles
- Seborrheic keratosis
- Dyschromia

Technical Specification

Laser Medium	Nd:YAG, Alexandrite
Wavelengths	1064, 755 nm
Beam Delivery	Lens-coupled optical fiber with handpiece
Energy	Max. 90 J @ 1064 nm Max. 60 J @ 755 nm Max. 45 J @ 1064 nm + 755 nm
Fluence	1273 J/cm ² @ 1064 nm 849 J/cm ² @ 755 nm 636 J/cm ² @ 1064 nm + 755 nm
Pulse Duration	0.3 – 100 ms
Spot Size	3, 5, 7, 10, 12, 15, 18, 20, 22 mm (Zoom HP) 3, 6, 10, 12, 15, 18, 20, 22 mm (Cartridge HP)
Repetition Rate	1-9 Hz
Aiming Beam	532 nm (< 5 mW)
Cooling	Cryo gas & Air cooling system
Dimension (W*L*H)	1050 mm (W) X 500 mm (L) X 1100 mm (H)
Weight	105 Kg

SMARTRION COMBI

Alexandrite & Long-pulsed Nd:YAG Laser

SMARTRION COMBI features a real top-hat uniform beam profile and dual wavelengths—1064 nm and 755 nm—within a single platform for a wide range of indications including hair removal, treatment, vascular lesions, and pigmented lesions and more. What sets SMARTRION COMBI apart is its unique capability to simultaneously deliver both 1064 nm and 755 nm wavelengths, to precisely target diverse chromophores at varying depths.

Moreover, the SMARTRION COMBI offers enhanced versatility through its provision of two handpieces—the zoom and cartridge handpieces—to cater to different treatment needs. Additionally, it provides two cooling options—gas or air. Notably, its gas component boasts an extended lifespan of up to 25,000 shots.



755 nm



1064 nm

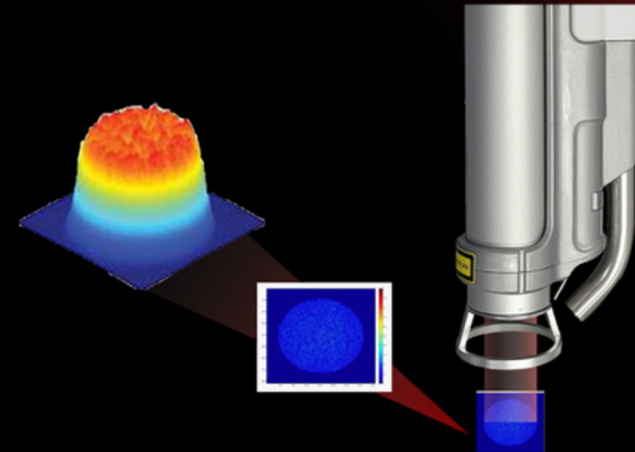


755 nm
1064 nm

FDA CE

Effect and Safe Treatment by Top-hat Beam Profile

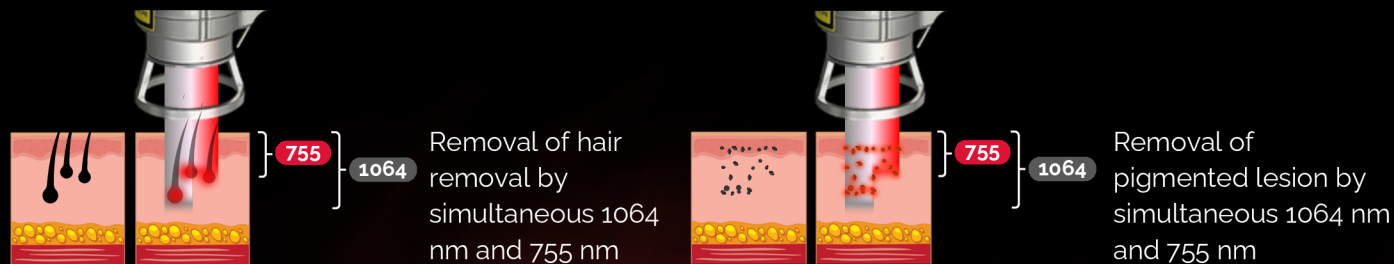
The top-hat beam profile ensures a uniformly distributed energy pattern across the treatment spot size, guaranteeing consistent and predictable outcomes. This uniformity also minimizes the risk of side effects caused by localized hot spots.



Simultaneous 1064 nm and 755 nm

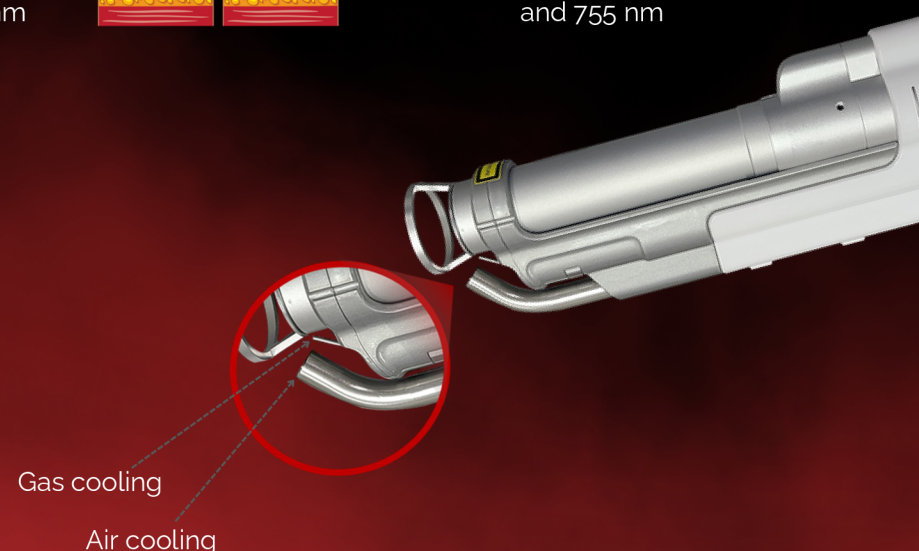
The SMARTRION COMBI's simultaneous emission of two wavelengths, 1064 nm and 755 nm, enables physicians to effectively target diverse chromophores at different depths, presenting a versatile approach to treatments.

For instance, by emitting both 1064 nm and 755 nm simultaneously, physicians can perform hair removal treatments tailored to various hair types—whether thick or thin, black or grayish, and at different depths—offering a comprehensive solution. This adaptability extends to treating pigmented lesions, allowing the targeting of pigments located at varying depths.



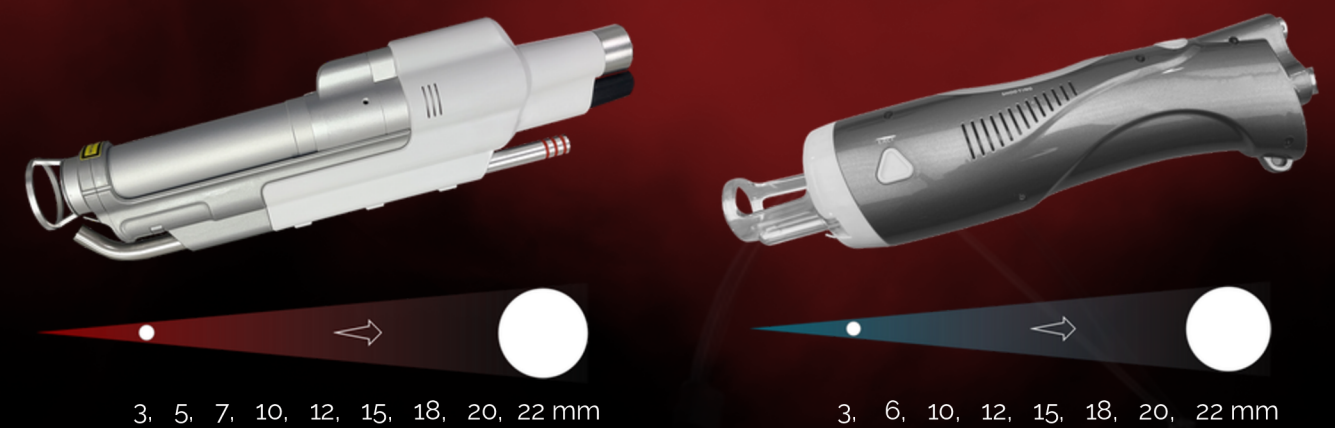
Two Cooling Options

Two cooling options are available: the 'Gas-type' and 'Air-type.' Physicians have the flexibility to select either based on their specific requirements for the intended treatment.



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Selectable Options between Two Types of Handpieces



The zoom handpiece allows for easy spot size adjustment without the need to switch handpiece cartridge. Physicians can swiftly rotate the toggle ring to select their preferred spot size, saving valuable treatment time. Moreover, this eliminates the necessity to purchase numerous handpiece cartridges, resulting in cost savings on investments.

For physicians who are accustomed to using cartridge-typed long-pulsed lasers from different manufacturers and find it more comfortable, opting for a cartridge handpiece over a zoom handpiece is an option.



- **Top-hat beam**
Effect and safe treatment
- **Dual wavelengths**
Simultaneous 1064 nm and 755 nm
- **Two handpieces**
Zoom handpiece or Cartridge handpiece
- **Two cooling options**
Gas cooling or Air cooling
- **Long-lasting gas**
900 gram capacity / Max. 25,000 shots / Refillable
- **Others**
Faster hair removal at 3 Hz / Smart protocol / Automatic cooling system /CRYO-ZET

