

Indication

Hair removal

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

Pigmented lesions

- Freckles
- Seborrheic keratosis
- Dyschromia

Rejuvenation

- Wrinkles
- Skin laxity

SMARTRION ALEX

Long-pulsed Alexandrite Laser

Technical specification

Laser Medium	Alexandrite
Wavelengths	755 nm
Beam Delivery	Lens-coupled optical fiber with handpiece
Energy	Max. 60 J
Fluence	849 J/cm ²
Pulse Duration	0.5 – 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 - 7 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 ALEX is an innovative long-pulsed Alexandrite laser device developed by IDS for a wide range of indications including hair removal, treatment of pigmented lesions and more.

Moreover, the SMARTRION ALEX 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—allowing physicians to customize treatments. Notably, its gas component boasts an extended lifespan of up to 25,000 shots.



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For international use only

Top-hat beam

Effect and
safe treatment

Two handpieces

Zoom handpiece or
Cartridge handpiece

Two cooling options

Gas cooling or
Air cooling

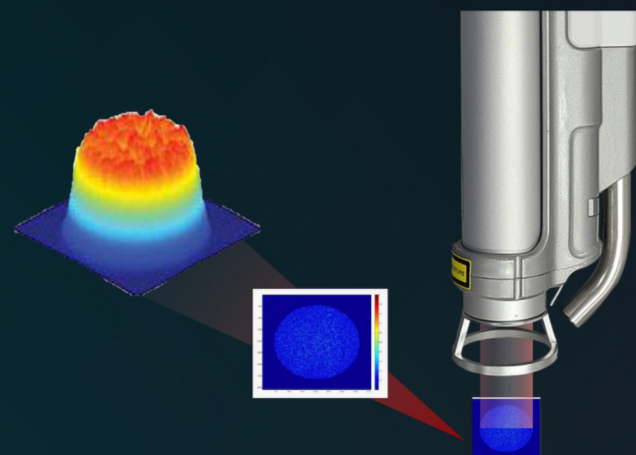
Long-lasting gas

900 gram capacity
Max. 25,000 shots
Refillable

Others

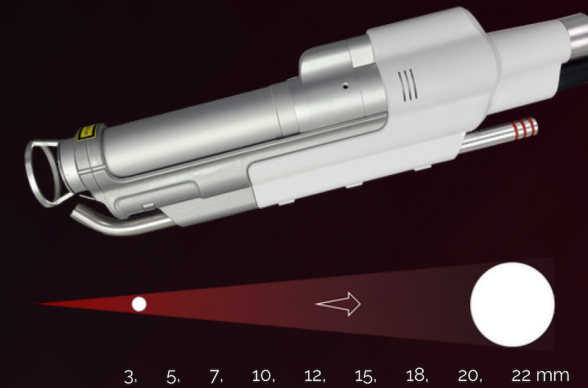
Faster hair removal at 3Hz
Smart protocol
Automatic cooling system
CRYO-ZET

Effect and safe treatment by top-hat beam profile

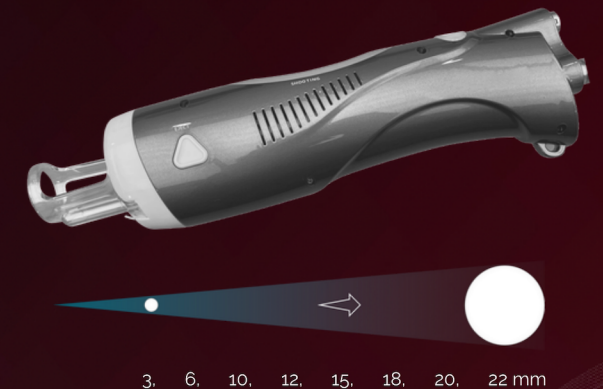


The top-hat beam profile ensures a uniformly distributed energy pattern across the treatment spot size, guaranteeing consistent and predictable outcomes. This uniformity also minimizes the risk of side effects caused by localized hot spots.

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.

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.

