

SYSTEM SPECIFICATIONS

Laser Type	Flash lamp excited Long-Pulse Alexandrite
Wavelength	755 nm
Max Delivered Energy	40 J
Max Fluence Range	Up to 320 J/cm ²
Pulse Duration	0.5 ms to 200 ms
Repetition Rate	0.5 Hz to 10 Hz
Integrated Spot Sizes (Diameter)	4 mm, 5 mm, 6 mm, 7 mm, 8 mm, 9 mm, 10 mm, 12 mm, 14 mm, 16 mm, 18 mm, 20 mm
Beam Delivery	Lens-coupled Optical Fiber, 2.5 m with smart adjustable handpiece
Aiming Beam	Red Color Diode Laser 5 mW @ 650 nm
User Interface	10" Touch LCD
Operating System	Android
Pulse Control	Foot Switch
Dimensions	275.5"H x 145.6" W x 263.7" D (700 mm x 370 mm x 670 mm)
Weight	70 Kg (154.3 lbs.)
Electrical	200-240 VAC, 50/60 Hz, Single Phase, 4500 VA, 20 A
Epidermal Cooling System	Air Cooling Compatible Handpiece (ACCP)

ALEXANDRITE FLUENCE

Spot Size (mm)	Fluence (0.5 ms – 200 ms)
4	5.6 J/cm ² to 318 J/cm ²
5	3.6 J/cm ² to 204 J/cm ²
6	2.5 J/cm ² to 142 J/cm ²
7	1.8 J/cm ² to 104 J/cm ²
8	1.4 J/cm ² to 79.6 J/cm ²
9	1.1 J/cm ² to 62.9 J/cm ²
10	0.89 J/cm ² to 51 J/cm ²
12	0.62 J/cm ² to 35.4 J/cm ²
14	0.45 J/cm ² to 26 J/cm ²
16	0.35 J/cm ² to 19.9 J/cm ²
18	0.28 J/cm ² to 15.7 J/cm ²
20	0.22 J/cm ² to 12.7 J/cm ²



Laser Technology Has Been CROWNed



CROWN™ “The Royal Treatment”
Alexandrite laser 755nm



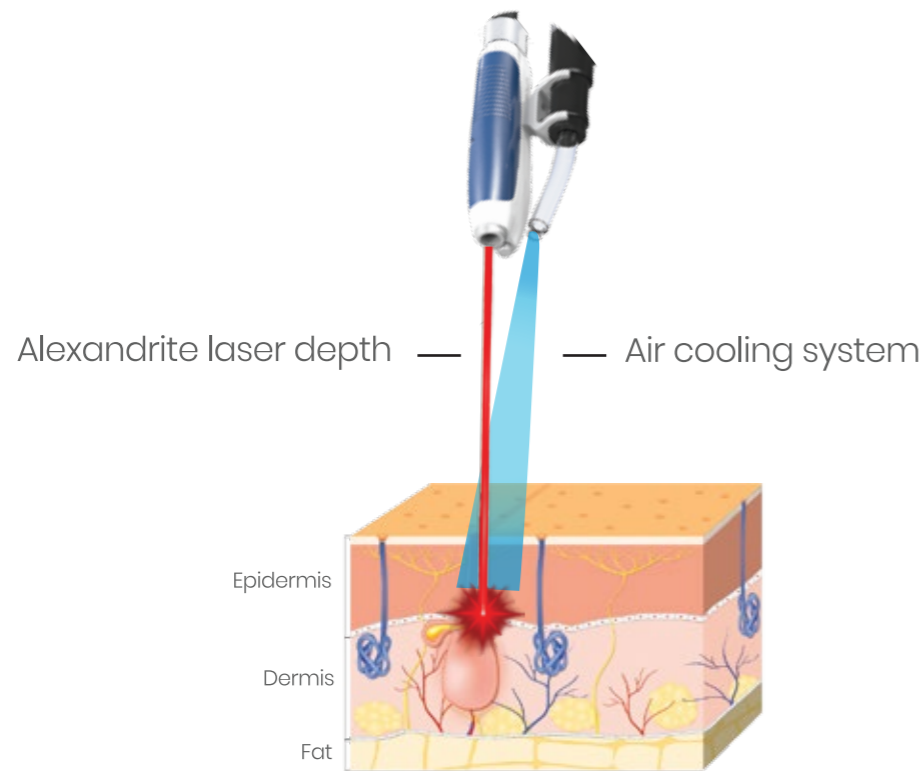
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Innovative Technology Re-Defined.

Single Platform Alexandrite laser system

Gold standard 755nm Alexandrite laser delivers outstanding efficiency and patient satisfaction.

Versatile, not only unwanted hair, you can also treat pigmented lesions such as sun damaged skin, age spots, freckles, and superficial vascular anomalies.



skin cooling feel the difference

- Chilling with Cryo 6 reduces pain sensitivity results in better tolerance
- Unlike other cooling methods, Cryo 6 cool the epidermis before and after laser has been applied without interfering with the laser.

-30°C



Easy

The system incorporates a user friendly 10" Touch Screen Android interface and has the facility to save patient treatment parameters. The software automatically selects the parameters required for each patient based on their gender, skin type, hair color & hair type ensuring that the best results are achieved for every individual, however, experienced operators may alter some parameters at their choice.



Safe

The Pulse Duration is specifically engineered to ensure that it is shorter than the Thermal Relaxation Time (TRT) of the target chromophore. This results in better efficacy, and protecting surrounding skin structures.

Economic world class most efficient air cooling system.

The use of the Cryo 6 Air Cooling system from Zimmer company (Germany) for Epidermal cooling reduces the pain and ensures patient satisfaction. The system is integrated with our handpiece to deliver precise cooling to the target in conjunction with the laser pulse.

Effective

The laser beam spread rapidly as it penetrates the skin. The spot size ensures that the delivered fluence to the surface of the skin is constant for all spot sizes, however deeper therapeutic energies are delivered by larger spot sizes.

Convenient

The handpiece is ergonomically designed to promote ease of use for the operator and incorporates the Cryo 6 Cooling System. The design permits the spot size to be adjusted very quickly and easily from 4mm – 20mm and it is light and flexible with a non-slip grip.



Multiple Spot Size

Wide range of spot sizes can be used for all treatments from smallest folds to large areas of the body

