

We look for ways to leverage a range of technologies, products, and services to meet the needs of our customers



a division of StretchInnovation

Our devices are SAHPRA registered with CE marking according to Directive 93/42/EEC

SINOVA

DIODE HAIR REMOVAL

Introducing a brand aimed at yielding
results for patients and for your bottom line



SINOVA



for professional hair removal delivers powerful diode light energy via 3 frequencies in the unseen red light spectrum to reach and destroy hair follicles efficiently and achieve permanent hair reduction* in the treated area

SINOVA X³

DIODE HAIR REMOVAL



A full size, high power model suitable for medical aesthetics clinics with a high daily patient turn over rate for LHR treatments



Technical Specifications

- ▶ 2 year warranty
- ▶ Laser wavelength 755nm/808nm/1064nm
- ▶ Laser class Class 4
- ▶ Pulse width 5ms-240ms
- ▶ Frequency 1Hz-10Hz
- ▶ Fluence 1-60J/cm²
- ▶ Spot size 12mm × 16mm / 12mm × 20mm (either option)
- ▶ Input power 3100VA
- ▶ Power source 110V/220VAC, 50-60Hz
- ▶ Cooling methods Air cooling, water cooling & semi-conductor cooling
- ▶ Dimension LxWxH 400mm × 370mm × 1090mm
- ▶ Net weight 50 Kg



Clinical specifications and protocol

- ▶ 3 wavelengths to reach and destroy follicles at various depths within the dermis
- ▶ Sapphire cooling adjustable between -4°C and 10°C with default at 4°C
- ▶ Continuous pulse output enables optional slide motion treatment
- ▶ Dual-system operation interface for medical and beauty modes, to enable customised parameters and intelligent recommended parameters
- ▶ 4-6 weeks between treatments depending on re-growth rate
- ▶ 6 – 8 / 8 – 10 treatments, based on individual patient response
- ▶ Use a white marker only for marking treatment zones



Design

- ▶ 12.1 inch resistive touch screen
- ▶ Intuitive interface
- ▶ Sheet metal chassis
- ▶ Ergonomic, operator-friendly applicator design
- ▶ SHR mode with 12mmx20mm spot size and 1200W output power ensures fast, comfortable and long-lasting results
- ▶ Sapphire contact cooling technology effectively cools and protects for optimal patient comfort





SINOVA i³



The perfect professional hair reduction device for a clinic with limited space or for an owner operator who prefers a smaller, table top solution for LHR treatments



Technical Specifications

- ▶ 2 year warranty
- ▶ Laser wavelength 755nm/808nm/1064nm
- ▶ Laser class Class 4
- ▶ Pulse width 5ms-400ms
- ▶ Frequency 1Hz-10Hz
- ▶ Fluence 1-100J/cm²
- ▶ Spot size 12mm × 16mm
- ▶ Input power 1700VA
- ▶ Cooling methods Air cooling, water cooling & semi-conductor cooling
- ▶ Net weight 26 Kg



Clinical specifications and protocol

- ▶ 3 wavelengths to reach and destroy follicles at various depths within the dermis
- ▶ Sapphire cooling adjustable between -4°C and 10°C with default at 4°C
- ▶ Continuous pulse output enables optional slide motion treatment
- ▶ Adjustable pulse width, frequency and fluence
- ▶ 4-6 weeks between treatments depending on re-growth rate
- ▶ 6 – 8 or 8 – 10 treatments, based on individual patient response
- ▶ Use a white marker only for marking treatment zones



Design

- ▶ 10.4 inch touch screen
- ▶ Intuitive interface
- ▶ Ergonomic, operator-friendly applicator design
- ▶ 12mm x 16mm spot size
- ▶ Sapphire contact cooling technology effectively cools and protects for optimal patient comfort



SINOVA

DIODE HAIR REMOVAL

[More information](#)



Market Facts

- ▶ Hair removal is a commodity service
- ▶ It's expected by clients when a clinic/practice provides body treatments
- ▶ The increasing cost of professional HR devices vs the declining disposable income of a shrinking middle class conspire against the bottom line
- ▶ *sinova* aims to enable clients who are proactively campaigning their devices, to reach a break-even point sooner in the cost cycle
- ▶ Devices priced at one million rand plus that have to do treatments charged at low prices for small treatment areas, typically diode LHR devices, are a challenge to justify in local market conditions

Appropriate regulatory clearance is a vital 1st line defence vs adverse events



3-in-1 advantage

- ▶ 755nm Alexandrite wavelength is ideal for a wide range of hair types including light-coloured and thin hair. 755nm (shortest wavelength in the trio) targets the Bulge of the follicle and is especially effective for superficially embedded hair in the eyebrow and upper-lip area
- ▶ 808nm classic hair reduction wavelength targets both the Bulge and the Bulb of the follicle. Deeper penetration makes this ideal for arms, legs, cheeks and beards
- ▶ Deep-penetrating 1064nm YAG wavelength targets the Bulb and Papilla, and effectively targets deeply embedded hair such as scalp, axilla and pubic regions



Patient records & pre-treatment expectations

- ▶ Medical Aesthetics require that a patient informed consent and medical history be recorded to ensure that patients are eligible for treatment in accordance with listed contra-indications
- ▶ Test shots must be performed prior to treatment, selecting an appropriate test patch in the target area and only after eligibility has been confirmed
- ▶ Factors such as excessive exercise, supplements and hormonal imbalance can affect hair re-growth. Patients must be made aware that they do the treatment at own risk if they do not disclose life-style or other changes
- ▶ Permanent hair reduction on all skin types (Fitzpatrick I-VI) is defined by the FDA as the long-term, stable reduction in the number of hairs regrowing when measured at 6, 9 and 12 months after the completion of a treatment regime



Contra-indications

Patients with the following conditions are not allowed to proceed with treatment:

- ▶ wax or electrolytic hair removal treatments in preceding 6 weeks
- ▶ active infection, lesions or open wounds in area of treatment
- ▶ history of photosensitive disease or taking photosensitizer medication within the preceding 3 months
- ▶ history of using 13-cis retinoic acid in preceding 6 months
- ▶ excessive scarring in the treatment area
- ▶ sun exposure within the preceding 4 weeks



Contra-indications continued

- ▶ pregnancy or breast feeding
- ▶ existing tattoos in treatment area
- ▶ hypertension or severe heart condition
- ▶ diabetes, AIDS, SLE or epilepsy, patients taking treatments with glucocorticoid
- ▶ mental disorder

- ▶ *NB Operators that are pregnant or suspect that they are pregnant should immediately cease providing treatments*



Regulatory

sinova i³ **and** sinova X³

- ▶ Proprietary brands of Stretch Innovation
- ▶ Site license required by SAHPRA for Diode Laser devices
- ▶ Interlock wired to a door switch required under site license



Working environment

sinova i³ **and** sinova X³

- ▶ Relative humidity for working conditions: 30%-70%
- ▶ Well-ventilated and dry environment
- ▶ Operating room should have warning signs clearly displayed
- ▶ Pollution from acid, alkaline and corrosive products should be avoided
- ▶ Treatment room should be free from reflective surfaces (windows, mirrors etc.)
- ▶ Protective eye wear to be worn by operators and patients
- ▶ Direct exposure to sunlight and unprotected transport will null the warranty



Training & Support

sinova is supported by an experienced local team providing installations, training and support for almost 10 years, with an established reputation for the quickest service turn-around.

- ▶ With a 2-year limited factory warranty, free quarterly service visits and easy access to clinical support, peace of mind comes built in

Our clinical training is aimed at ensuring a complete understanding of technology, patient interaction and record-keeping and total confidence with device operation

- ▶ Training for 4 operators is included in the sales agreement and can be staggered over the warranty period to account for staff turnover



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Please contact us:

info@sinova.co.za

+27 (0)82 089 0383

