Soprano XL - Increases Profitability

- Large spot size
- Fast procedure
- SHR Mode
- HR Mode
- No consumables
- Safe and effective for all skin types
- Short learning curve
- Preset programs
- Depot repair service

More procedures per day
Higher revenues
Lower cost of ownership

Technical Specifications

- Light Source: Diode (Continuous Wave)
- Modes: SHR Mode, HR Mode
- Wavelength: 810 nm
- Fluence: Up to 120 J/cm²
- Pulse Duration: 10 - 1,350 ms
- Spot Size: 12 x 10 mm
- Repetition Rate: Up to 10 Hz
- Delivery: Direct coupling through sapphire tip
- DualChill: Integrated Skin Cooling
- Sapphire DualChill technique + integrated adaptor
- for Zimmer Cryo 5 for HR Mode
- Electrical Requirements: Single phase, 120/230 V 20/10 A 50-60 Hz
- Physical Dimensions: 35 x 40 x 110 cm / 13" x 16" x 43"
- Weight: 50 kg / 110 lb.

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The Soprano XL system is the new gold standard for 810nm diode hair removal with powerful CW Pulse technology. Soprano XL’s CW diode technology ensures homogeneous distribution of energy across the entire pulse. The uniformity of the energy leads to better clinical results, less discomfort and protects the epidermis.

The Soprano XL offers an industry-leading 10 Hz pulse repetition rate for high-speed treatments, to rapidly enhance your practice’s productivity and profitability through greater patient throughput.

Soprano XL is a light-weight system for convenient movement between treatment rooms. It requires no consumables and is highly reliable.

Silky Smooth at the Speed of Light

The SHR mode utilizes this series of low fluence, high repetition pulses to increase the temperature of both the hair follicle and the surrounding, nourishing tissue to 45°C. This more gradual, in-motion heat delivery uses the chromophores in the surrounding tissue as reservoirs to effectively heat up the hair follicle. This, along with the heat energy absorbed directly by the hair follicle, damages the follicle and prevents regrowth.

The SHR mode protects the epidermis and provides a virtually painless treatment.

The HR mode utilizes a single pulse, high fluence approach to deliver heat energy selectively to the hair follicle, without affecting the surrounding dermal tissue. The energy absorbed by the melanin in the hair causes heat injury to the hair, preventing its further growth. Simultaneously, intense contact cooling is applied to the epidermis to prevent superficial heat injury and to improve patient comfort.

Soprano XL launches a new era in hair removal - virtually painless hair removal. The Super Hair Removal Mode, SHR, is a revolutionary, new approach for improved effectiveness and comfortable hair removal, dramatically changing the way laser hair removal has been performed for the past 15 years.

The revolutionary SHR Mode provides the ideal combination for efficient hair removal:

1. The SHR Mode uses the optimal hair removal wavelength of 810nm diode for deep penetration into the dermis where the hair follicle is located.
2. The SHR Mode has consistent, high average power capabilities to enable the 10 pulse-per-second repetition rate for “hair removal in-motion”.
3. The SHR Mode enables a low fluence, “in-motion” approach for virtually painless hair removal.

The Soprano XL also includes the traditional higher fluence HR (Hair Removal) Mode. Soprano XL can be used safely on all skin types, including tanned skin, and has been shown to provide permanent hair reduction.

Photos Courtesy: David J. Friedman, MD, Jerusalem, Israel