



NIR Module

SOPRANO[®]XL

NIR Module

Near Infrared (NIR) Module for Topical Heating of the Skin

The NIR Module of the Soprano^{XL} platform provides innovative technology for topical heating of the intradermal and subdermal tissue

Innovative Treatment – treat sagging corporal skin to tighten and re-contour through the treatment of topical heating of the skin

High depth of penetration – Peak emission at 1300nm

High power – Average power of 100 watts

Fast – Large spot size (18 cm²) enables in motion virtually pain free rapid corporal treatment

No consumable – Fast return on investment

No downtime – safe and efficacious results with a continuous skin cooling

Ease of use – lightweight, ergonomic handpiece with snap-in and out connector



The most advanced light-based In-Motion technology for Non-invasive intradermal and subdermal heating

The NIR module emits light in near infrared spectrum to provide topical heating for the purpose of elevating tissue temperature. The NIR module is applied to the skin using In-Motion technique.

The NIR module's offers contact cooling mechanism for superior epidermal preservation.





Soprano^{XL}: Multi-Application, Multi-Technology Platform

Before



Photos Courtesy of Michael Shochat, M.D.
Dermatology clinic Tel-Aviv, Israel

After



2 Weeks after 3 Tx ;In-motion; entire mid abdomen coverage with 70 watts for 10 minutes; therapeutic temperature at 42°C -44°C.

Soprano^{XL}: Delivers the Fluence You Need Fast



The Soprano^{XL} is a revolutionary system that intended for permanent hair reduction and topical heating of the skin

The world's first laser hair removal system that is virtually painless

2 distinct technologies:

- Diode laser technology
- Near-infrared light technology

Customizable and upgradeable

Plug&Play technology – no downtime when upgrading

Low cost of ownership – high return on investment

Easy to use – selected preprogrammed parameters

Technical Specifications of NIR Module

Light Source	Near-Infrared light
Output Power	Up to 100 Watts
Exposure Mode	Pulsed Width Modulation (PWM)
Pulse Repetition Rate	10 HZ
Spot Size	30 X 60 mm (18 cm ²)
Cooling	Contact Thermo-electrical cooling (TEC)
Soprano^{XL} System specifications	
Electrical	120/230 VAC, 10/6 A, 50/60 Hz
System Dimensions	35 X 40 X 110 cm
Weight	50 Kg

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