TECHNICAL SPECIFICATIONS

**Laser type**
Ruby

**Wavelength**
694 nm

**Operating mode**
Q-switched

**Energy density**
2-14 J/cm²

**Pulse width**
20 nsec

**Beam diameter**
3/4/5/6 mm

**Repetition rate**
0.5-2 Hz

**Power requirements**
230 V ± 10%, 16 A, 50/60 Hz

**Dimensions**
(LxWxH) 84x35x102 cm

**Weight**
73 kg

**Compliance**
EC Medical Device Directive (MDD) 93/42/EEC (CE mark), FDA/US 510k*

*Intended uses may differ

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TREATMENT SAFETY

**SINON II** uses a divergent beam with the focus point located within the handpiece rather than on the skin. This removes the risk of creating hot spots during treatment.

**SINON II** offers a 3mm spot size tip allowing for safe and effective treatment of darker skin types.

An oval spot shape reduces treatment overlap, minimizing the risk of side effects.

A cold air cooling device further reduces pain and maximizes patient comfort.

Low Q-Switched fluences of 2 J/cm² and single pulses allow for detailed work as well as safe treatment of sensitive skin.

The SINON II handpiece is compact, providing an unobstructed view of the area to be treated for maximum visibility.

A cold air cooling device further reduces pain and maximizes patient comfort.

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AESTHETIC PRECISION

THE SAFEST AND MOST PRECISE LASER TREATMENT SOLUTION AVAILABLE FOR PIGMENTED LESIONS AND MULTI-COLOR TATTOO REMOVAL
The Q-switched Ruby Laser Advantage

Ruby Wavelength

The Ruby laser has a proven track record as the most effective of all Q-switched lasers for pigmented lesions as well as yielding excellent results for multi-colored tattoo removal. With a 694nm wavelength, the Ruby laser is selectively absorbed by the melanin, allowing for the removal of pigmentation without damage to the skin, with very low absorption by hemoglobin and minimal risk of scarring.

The high absorption rate makes the laser treatment more precise, ensuring faster treatment times while achieving excellent clinical outcomes.

Q-Switched Laser

The Q-Switched (QSW) laser is the most effective way to remove natural or artificial tattoo pigmentation, while minimizing the risk of damage to surrounding tissue. Q-SW lasers use a Q-switched pulse to deliver photoacoustic shockwaves to the targeted ink through high-intensity, short nanosecond pulses. The shockwaves are selected to work only on the pigment in the lesion or the ink particles in the tattoo.

The Q Switched (QSW) laser is the most advanced technology for the removal of tattoos, providing faster treatment times and excellent clinical outcomes. Low fluence also allows for the application of large spot sizes for faster treatment as well as for targeting deep pigmentation.

Ultra-Short Pulses

The SINON II system features ultra-short pulses of only 20nsec. This is the shortest pulse duration of all Ruby lasers available in the market. The high peak pulse power allows for effective tattoo removal without causing excessive thermal damage. With ultra-short pulses,治療 sessions can be performed faster and with less risk of side effects.

The SINON II system’s unique features and advantages make it the most effective Q-switched laser for tattoo removal.

Indications

Benign Pigmented Lesions

- Café-au-lait spots
- Lesions affecting the oral mucosa and the lips
- Deeper lesions such as Nevus of Ota and Ito’s
- Café-au-lait spots

Multi-Colored Tattoos

The Q-SW Ruby laser delivers the high-energy required to effectively remove tattoos of all types and depths, ensuring particularly effective results for treating resistant tattoo ink colors such as lime-green, sky-blue, and teal. With precise ink targeting and high peak power, SINON removes tattoo pigments in fewer treatments, providing greater patient satisfaction.

Listen to our experts:

Mitchel Goldman, M.D., Goldman, Listen to our experts:

The removal of natural pigment spots is achieved even faster. The SINON II’s new fractional tip offers the advantages of fractional technology for the treatment of pigmented lesions and multi-colored tattoos.

5x5 pixel array micro beams of Ruby Q-Switched laser energy create vacuoles with minimal thermal effects. This allows the skin to heal faster as new collagen is formed. Fractional treatment achieves more even skin tone over a larger area and offers an added skin rejuvenation effect, reducing microroughness and minimizing risk of side effects.

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