"I would describe ePrime™ treatment results in terms of dermal volumizing and improvements in skin quality. The improvement in skin tone resulting from increased volume and new collagen production is unique to ePrime and a fascinating concept to bring to light."

Andrea Willey, M.D.
Dermatologic Surgeon – Sacramento, CA

"The ePrime procedure gives the physician real-time feedback and precise temperature control. With better precision, the results are more predictable for our patients. The one thing that’s been lacking for the non-surgical patient has been the amount of tone and volumetric improvements we can give them. I feel that the ePrime procedure gives me the ability to meet a patient’s expectations and the clinical results to date have supported this."

James Newman, M.D., F.A.C.S.
Facial Plastic Surgeon – San Mateo, CA

ePrime™
A Revolutionary New Facial Treatment Technology
ePrime is Syneron and Candela’s newest treatment revolution – the first minimally invasive aesthetic device to precisely target and deliver measured RF energy directly into the deep dermis to stimulate a “natural” production of new collagen, elastin and hyaluronic acid for dramatic tone and volumetric improvements in a single treatment.

Expand your practice by offering a unique, efficacious, minimally invasive skin treatment with minimal risk of side effects, regardless of skin type.
The Technology

Directed Energy Where It's Most Effective

The ePrime system utilizes a minimally invasive micro-needle electrode array to deliver bi-polar RF energy directly into the deep reticular dermis, without thermal impact to the epidermis. A controlled high-volume fractional injury to the deep dermis creates new collagen, elastin and hyaluronic acid.

This unique approach enables you to create true fractionated zones of thermal injury where it will have the greatest impact, resulting in a solid foundation of new dermal volume.

Unprecedented Energy and Temperature Control

Unlike other approaches that require multiple treatments due to energy delivery, ePrime will deliver the treatment temperature you specify in a single treatment.

ePrime’s patented approach to energy delivery measures impedance and monitors real-time temperature to achieve and maintain target temperature regardless of varying skin conditions or skin types.

**ePrime: Fractionated Delivery of RF Energy Specific to the Deep Dermis**

- Real-time dermal temperature monitoring for precise energy control
- Reduced treatment variability; enhanced result consistency between patients
- Improved skin tone and volume
- Unique treatment – increased neocollagenesis and neoelastogenesis
- Bi-polar RF energy delivery ensures a safe treatment for all skin types

Using our patented tissue stabilization and 25 degree delivery angle, the micro-needle electrode array delivers bi-polar RF energy directly within the deep dermis.

Intelligent Feedback System™ assesses the temperature of treatment site every 10th second by means of the temperature probe at the end of the needle. The energy is adjusted automatically to maintain target treatment temperature programmed by the physician.

The highly controlled thermal profile is confined between the bi-polar micro-needle electrode. This results in the creation of a new foundation of dermal collagen, new elastin production and observable improvement in facial tone and volume.
Applicator
Ergonomic single-button handpiece applicator with integrated tissue stabilizer and thermokinetic skin cooling bar.

Cartridge
Single-use, sterile treatment cartridge with five independently controlled bi-polar micro-needle pairs.

GUI Touch Screen
Intuitive, full-color touch screen interface that is user friendly and carefully tracks treated areas.
Clinical Results
In a growing number of published studies, ePrime demonstrates why it is at the forefront of an exciting new minimally invasive facial treatment.

Consistent, Predictable Energy Delivery
Target temperature is reached regardless of skin condition. Power is adjusted to address skin impedance levels and helps assure target temperature is reached and maintained.

Clinical Proven and Unique
As histological studies have confirmed, ePrime treatments result in a unique healing process of neocollagenesis and neoelastogenesis¹.

![Clinical Results](image1.jpg)

Photos courtesy of James Newman M.D., San Mateo, CA

Photos courtesy of Stephen Eubanks M.D., Denver, CO

Photos courtesy of Chan Woo, Jeong M.D., Korea

![Consistent, Predictable Energy Delivery](image2.jpg)
ePrime System Specifications

<table>
<thead>
<tr>
<th>Bi-polar Radio Frequency</th>
<th>460 ± 5 kHz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum Output Voltage</td>
<td>84 VRMS; 5W per channel</td>
</tr>
<tr>
<td>Channels</td>
<td>7 independent bi-polar channels</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>User Interface</th>
<th>GUI – color touch screen</th>
</tr>
</thead>
<tbody>
<tr>
<td>System Dimensions</td>
<td>125 x 46.5 x 44.5 cm</td>
</tr>
<tr>
<td></td>
<td>29.5 x 18.5 x 17.5 inches</td>
</tr>
<tr>
<td>System Weight</td>
<td>23 kg / 55 lbs</td>
</tr>
<tr>
<td>Electrical Requirements</td>
<td>100 – 240 VAC; 2.5 A; 50-60 Hz; single phase</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Mode</th>
<th>PID temperature control</th>
</tr>
</thead>
<tbody>
<tr>
<td>Target Temperature Range</td>
<td>65-75°C (149 – 167°F) ± 1°C increments</td>
</tr>
<tr>
<td>Treatment Duration</td>
<td>3-5 seconds, 0.2 sec increments</td>
</tr>
</tbody>
</table>

Science That Builds Success

- Differentiate your practice by offering a new treatment technology—ePrime
- Convenient, single-treatment approach; treatment time under one hour
- Minimal to no patient downtime and low post treatment maintenance
- Proven results means satisfied patients and increased referrals
- Eliminate treatment variability with precise, measured energy delivery
Syneron and Candela are the global leaders in the aesthetic medical device marketplace.

Together, we are more market responsive than ever before. We know how to quickly innovate the safest and most effective products to meet a variety of needs and price points. We are even stronger at anticipating future market trends to help support our customers and their patients. With new breakthrough technologies currently in the pipeline, we are ideally positioned to maintain our global leadership and continue to help you grow your practice.

Syneron and Candela have offices and distributors around the world.

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1 Basil M. Hantash, M.D., PhD, Anan Abu Ubeid, BS, Hong Chang, PhD, Reza Kafi, M.D., and Bradley Renton, PhD, "Bipolar Fractional Radiofrequency Treatment Induces Neoeastogenesis and Neocollagenesis," Lasers In Surgery and Medicine 41 (2009): 1–9