

# SmoothCool™

## Technical Specification

Light Source	Xenon flash lamp - 3000 W
Wavelength	Long pass 530 nm 560 nm 590 nm 640 nm 700 nm 800 nm  Band pass 420 - 600 nm (420-S) 530 - 600 nm (530-S)
Fluence	Up to 65J/cm <sup>2</sup>
Pulse Duration	1-60 ms
Repetition Rate	1Hz
Spot Sizes Hybrid	10 mm x 50 mm (HR)
Spot Sizes SR version	10 mm x 20 mm, 10 mm x 40 mm (SR)
Delivery	Direct coupling through coated sapphire tip light guide
Integrated Skin Cooling	ATC™ Technology (-10° C to 20° C)

## System Specification

Weight Hybrid	242 lb. / 110 Kg (HR)
Weight SR version	209 lb. / 95Kg (SR)
Dimensions	14.3 in. x 23 in. x 39.3 in.
Power Consumption	208-220 V, 16 A, 50/60 H

*ATC™ enables SmoothCool to deliver higher peak power with unmatched speed, safety and comfort for better outcomes and happier patients.*



Jeisys



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# SmoothCool™

Intense Pulsed Light Platform  
with ATC™

Pigment  
Vascular Lesions  
Acne  
Telangiectasia  
Diffuse Erythema  
Rosacea  
Hair Removal

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# SmoothCool™

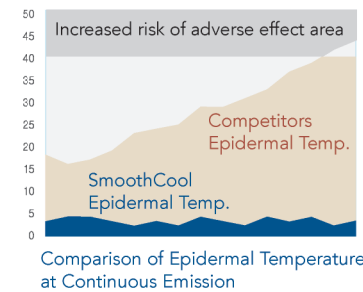
SmoothCool IPL system is a workhorse for the advanced dermatologic practice. A full range of treatment options provides unmatched versatility. High peak power with pulse widths as short as 1ms makes it possible to treat even the smallest vessels.

SmoothCool makes photorejuvenation predictable and effective with specific filters to target melanin, hemoglobin, hair, diffuse erythema, acne and much more.

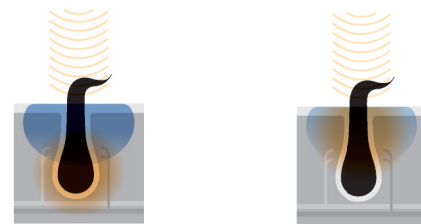
ATC™ (advanced cooling technology) allows SmoothCool to deliver the highest peak power from a commercial system with unmatched speed, safety and comfort. SmoothCool is designed to save you more time and give you a higher return on investment and happier patients.

## ATC™ (Automatic Temperature Control) Technology

ATC maintains skin surface temperature precisely with an integrated high capacity cooling system that can operate down to -10 C. This allows for comfortable and safe use of higher pulse energy to eliminate hard to remove hair follicles. With greater speed, comfort and efficacy you will have happier patients and higher patient throughput.



## Real Time Skin Surface Temperature Monitoring



SmoothCool Ordinary Cooling

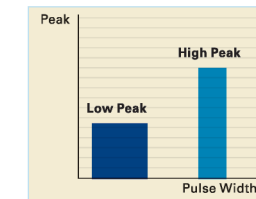
SmoothCool high capacity ATC allows the use of higher treatment energy and faster speeds while maintaining the epidermis cool.

## SmoothCool Dual Handpieces Technology



The SmoothCool SR comes with the versatile SR handpiece and 8 filters for all applications.

The SmoothCool Hybrid also includes the large-spot high-performance HR handpiece for comfortable hair removal at all speeds with ATC cooling.



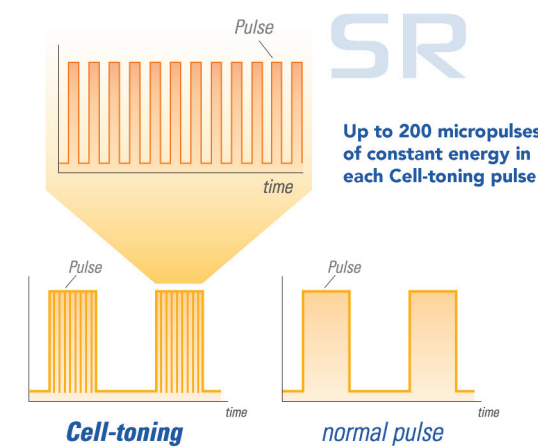
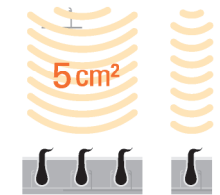
High Peak Power SmoothCool

## High Peak Power Hair Removal

Even the most difficult areas such as men's backs and women's bikini lines are not a problem for SmoothCool.

## Benefits of Integrated ATC and a Large Spot Size

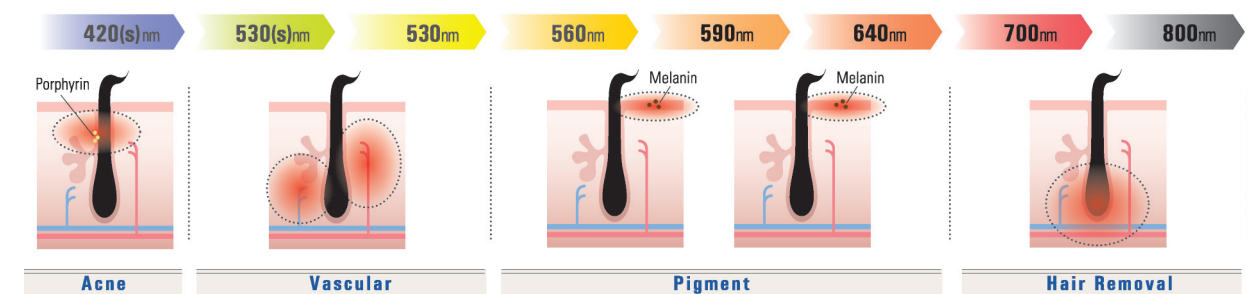
- Shorter treatment times
- Increased safety
- Greater comfort



## Cell-toning Technology

Cell-toning technology uses microsecond pulses to effectively treat diffuse pigment such as PIH and melasma. The micropulses preferentially target melanin rather than surrounding tissue.

## Eight Filters For All Applications



## Includes Specialized Band Pass Filters

These filters allow treatment with preferred wavelengths while blocking all other wavelengths for increased efficacy and greater patient comfort.

- The 420-S is optimized for the treatment of acne.
- The 530-S is optimized for the treatment of veins by maximizing the difference of absorption between oxyhemoglobin and melanin.

