

SmoothCool™

Technical Specification

Light Source	UFL - 3000 W
Wavelength	420 - 950 nm
Fluence	Up to 65J/cm ²
Pulse Duration	1-60 ms
Repetition Rate	1Hz
Spot Size	5 cm ²
Delivery	Direct coupling through coated sapphire tip light guide
Integrated Skin Cooling	ATCTM Technology (-10 -0 C)

System Specification

Weight	242 lb. / 110 Kg.
Dimensions	14.3 in. x 23 in. x 39.3 in.
Power Consumption	110 V, 16 A, 50/60 H

**Unmatched Peak Power
for Hair Removal and
Advanced Photo-rejuvenation**



Exclusive distributor of Jeisys Medical in the U.S.A.

Jeisys

Perigee Medical - 844-PERIGEE - info@perigeemedical.com - www.perigeemedical.com - SC-0151016 - © Perigee Medical, All rights reserved.

SmoothCool™

Intense Pulsed Light Platform

Pigment
Vascular Lesions
Acne
Telangiectasia
Diffuse Erythema
Rosacea



SmoothCool™

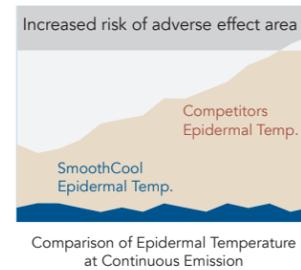
Featuring a full range of treatment options and unmatched versatility, the SmoothCool IPL system is a workhorse for the advanced dermatologic practice. High peak energy and pulse widths as short as 1ms make it possible to treat even the smallest vessels without the morbidity associated with vascular lasers.

Photorejuvenation becomes predictable and effective with specific filters to target melanin, hemoglobin, hair, diffuse erythema, Acne and much more.

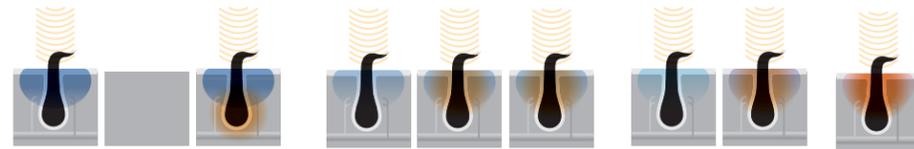
SmoothCool delivers the highest peak power available from a commercial system. Up to 10 kW/cm² irradiance with up to 65 J/cm² into a treatment area of 5 cm². SmoothCool ATC contact cooling technology lowers temperatures down to -10 C allowing for the necessary peak energy to reach the bulge of the hair follicle. A large spot size and a speed of 1 pulse per second makes it possible to treat large areas like legs and backs in under 20 minutes.

ATC™ (Automatic Temperature Control) Technology

ATC Maintains skin surface temperature equally by controlling sensor which is monitored by real time. Freely set the cooling temperature from -10~0 C to accelerate easy use of high fluence. Minimizes unnecessary skin damage and enables painless hair removal.



Real Time Skin Surface Temperature Monitoring



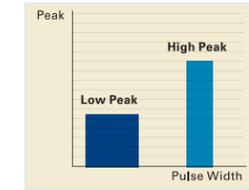
SmoothCool monitors and controls skin surface temperature in real time.

Dual Handpiece Technology



SmoothCool HR large spot high power 700 nm handpiece for fast effective hair removal.

SmoothCool SR 420 nm-800 nm featuring eight interchangeable filters for a variety of applications.



Hair Removal
Remove tough hair such as upper lips, a traditionally difficult area to treat.

High Peak Power SmoothCool

Additional Benefits

Faster treatment with a large (5cm²) spot size.



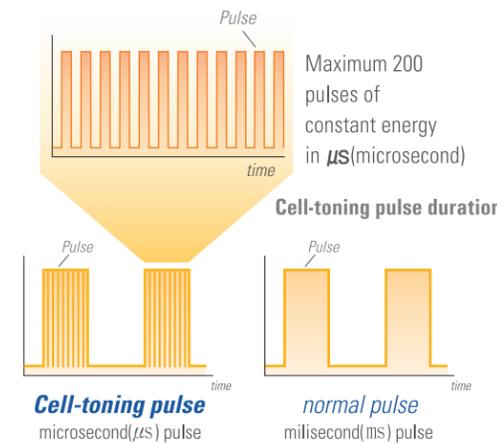
Various size filters allow for different applications without changing system.

SmoothCool™

SR

Cell-toning Technology

Cell-toning technology uses microsecond (μ s) pulse durations to treat pigmented lesions such as melasma and PIH very effectively. The repeated micro-pulses within each cell-toning pulse target melanin rather than surrounding areas. Cell-toning provides faster, safer and more effective efficacy for treating pigmented lesions such as melanoma.



Specialized Dual Filters

8 interchangeable cut-off and dual filters for customized treatments.

Dual filtering from 420 (S) nm (420~600 nm), 530(S) nm (530~600 nm) maximizes acne and vascular treatments while minimizing the adverse effects.

