



enLIGHTen®

Powerfully  
Versatile  
PICO  
Technology

CUTERA®  
FACE + BODY AESTHETIC SOLUTIONS

enLIGHTen<sup>®</sup>

## PICO Revolutionized.

Removing the full range of tattoos, pigment, and other aesthetic concerns requires the ideal combination of technologies—the right wavelengths, the right pulse durations and the right energy levels.

enlighten features three fully-integrated wavelengths, including the first true-red picosecond wavelength and industry-leading specifications to address multicolor tattoos, the treatment of benign pigmented lesions and PICO Genesis and PICO Genesis FX<sup>1</sup> skin revitalization on all skin types.



### Unparalleled Power

- >20% higher than the competition<sup>2</sup>
- Up to 40X shorter than traditional technology<sup>2</sup>
- Independent control of fluence



### Full Customization

- 3 fully-integrated wavelengths
- Dual pulse durations
- Spot sizes up to 10 mm

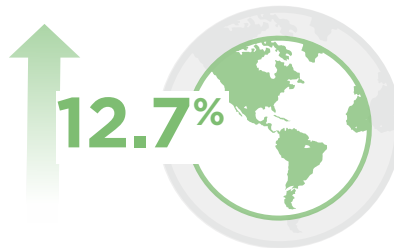


### Maximum Return

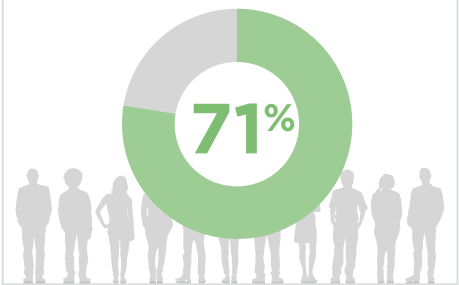
- No consumables
- Fast 2-minute warm up
- Multiple treatment applications



1 in 4 individuals experience tattoo regret<sup>2</sup>

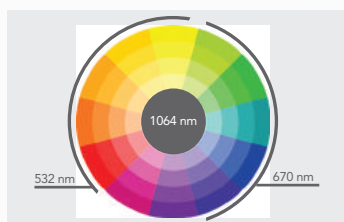


The tattoo removal market is expected to hit a year-over-year growth of 12.7% through 2023<sup>3</sup>

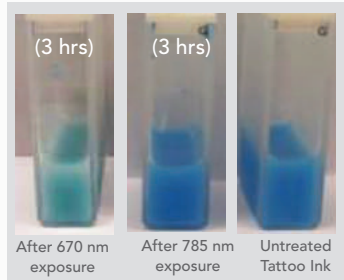


40% of the population susceptible to pigmentary concerns and 71% of consumers are seeking tone and texture improvement<sup>2</sup>

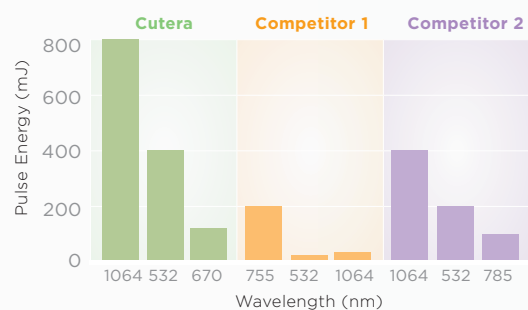
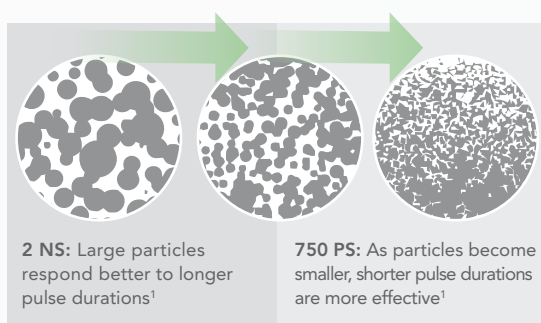
# Unrivaled Technology. Proven Outcomes.



enlighten's wavelengths offer the highest absorption of today's most common ink colors: black, red, blue and green.<sup>2</sup>



Ink irradiation studies show much greater clearance of blue ink using 670 nm vs 785 nm.<sup>2</sup>



## Selectively Chosen Wavelengths

Tattoos and pigment are comprised of multiple colors which require multiple wavelengths to effectively remove. enlighten features three fully-integrated laser wavelengths – 532 nm, 1064 nm, and 670 nm – selectively chosen based on their absorption to certain ink and pigment colors.

The 670 nm wavelength – unique to Cutera – is the first true-red wavelength in the picosecond Domain. 670 nm was chosen based on its ability to remove difficult-to-treat blue and green tattoo inks, and address congenital or resistant pigmentation conditions on challenging skin types.

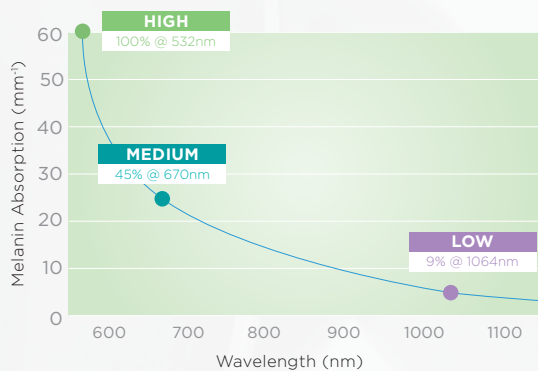
## Optimized Pulse Durations

Matching pulse duration to particle size helps you achieve faster and more complete clearance of unwanted tattoos and pigment. enlighten features user-selectable long (2 nanosecond) and short (750/660 picosecond) pulse durations to address varying particle sizes and densities for complete clearance in fewer treatment sessions.

## Strong, Powerful Delivery

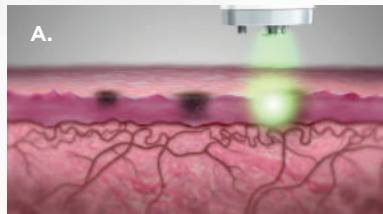
enlighten delivers a strong, non-thermal, photomechanical effect by combining high-peak power and ultra-short pulse durations to shatter the target without causing thermal damage to the tissue that surrounds it. This makes it an ideal solution for treatments on challenging skin and optimizes our signature skin revitalization treatments – PICO Genesis and PICO Genesis FX.

# Customized Delivery. Beautiful Skin.

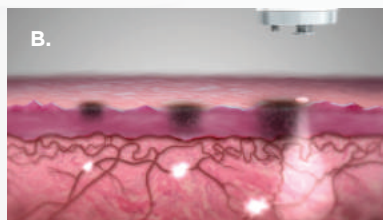


## Low Risk, High Reward Pigment Removal

Address epidermal and dermal pigmented lesions on all skin types with confidence and ease. From low-contrast lesions to denser lesions on darker skin types, enlighten's range of specifications provides the tools needed to effectively remove pigmented lesions with a higher safety margin.



A. Selectively shatter pigmentary issues with highly effective laser wavelengths (532 nm / 1064 nm)



B. Deliver non-thermal, laser induced shockwaves for dermal disruption and remodelling (1064 nm).

## Brilliant, Clear Skin with PICO Genesis

Unlike conventional laser toning that requires up to 15 treatment sessions and often leads to unpredictable results, PICO Genesis harnesses the power and flexibility of enlighten combined with its technical benefits in a dual-delivery procedure to selectively shatter pigment and induce dermal disruption and remodeling for true skin revitalization in fewer than three sessions.

## Revitalized, Renewed Skin with PICO Genesis FX

PICO Genesis FX introduces an entirely new treatment technique to the enlighten platform beyond tattoo and pigment removal. By combining the advantages of enlighten's non-thermal picosecond pulse with a novel fractionated Micro Lens Array (MLA), PICO Genesis FX safely and effectively addresses acne scars, fine lines and wrinkles and unwanted pigmentation on all skin types.





## Tattoo .....



**Before**

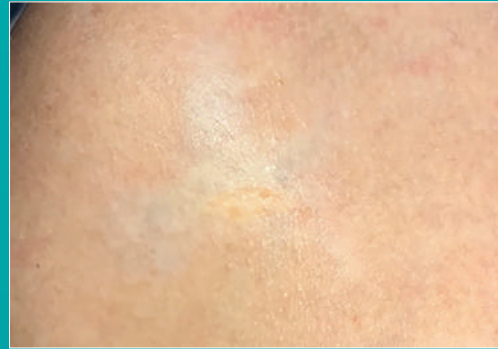


**Post 5 Treatments**

Photos courtesy of E. Victor Ross, M.D.



**Before**



**Post 3 Treatments**

Photos courtesy of Erasable, Inc.

## PICO Genesis .....



**Before**



**Post 1 Treatment**

Photos courtesy of Heike Heise, M.D.

## PICO Genesis FX.....



**Before**

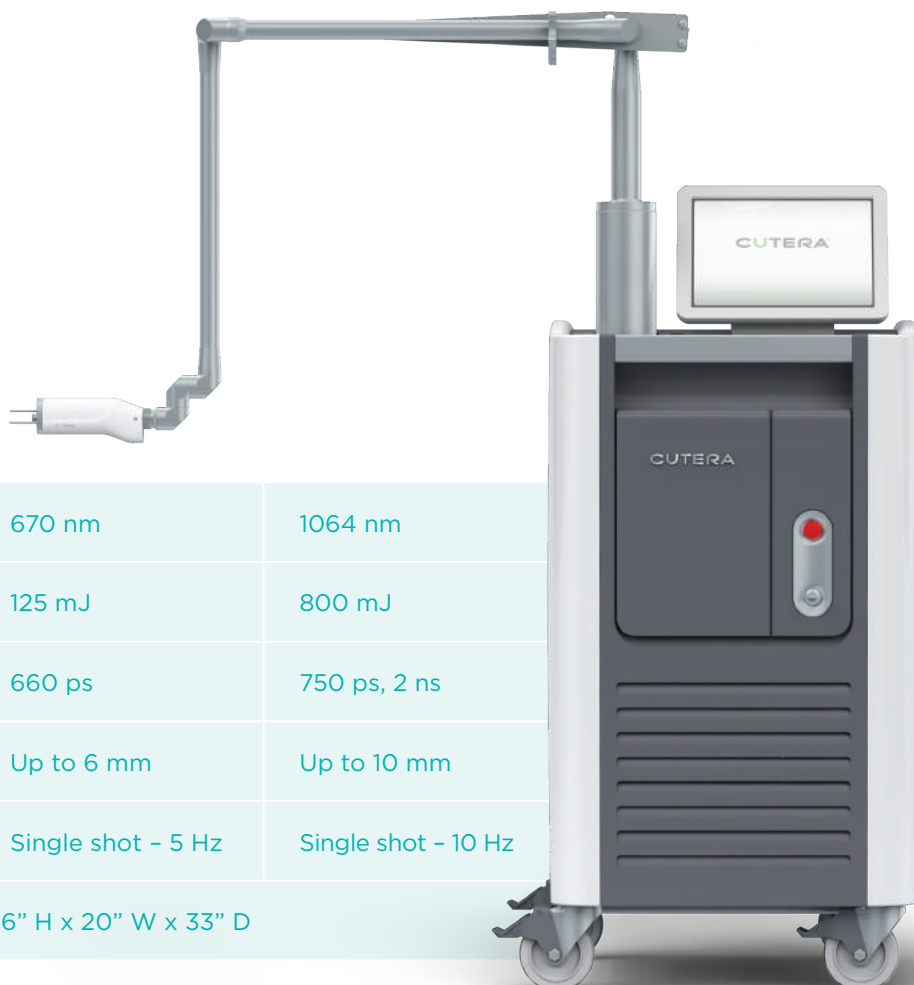


**Post 1 Treatment**

Photos courtesy of Riekie Smit, M.D.

## Technical Specifications

<b>Wavelength</b>	532 nm	670 nm	1064 nm
<b>Pulse Energy</b>	400 mJ	125 mJ	800 mJ
<b>Pulse Duration</b>	750 ps, 2 ns	660 ps	750 ps, 2 ns
<b>Spot Size</b>	Up to 10 mm	Up to 6 mm	Up to 10 mm
<b>Rep Rate</b>	Single shot – 10 Hz	Single shot – 5 Hz	Single shot – 10 Hz
<b>Dimensions</b>	36" H x 20" W x 33" D		



**CUTERA®**

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<sup>1</sup>For distribution outside North American only

<sup>2</sup>Data on file

<sup>3</sup><https://www.alliedmarketresearch.com/tattoo-removal-market>