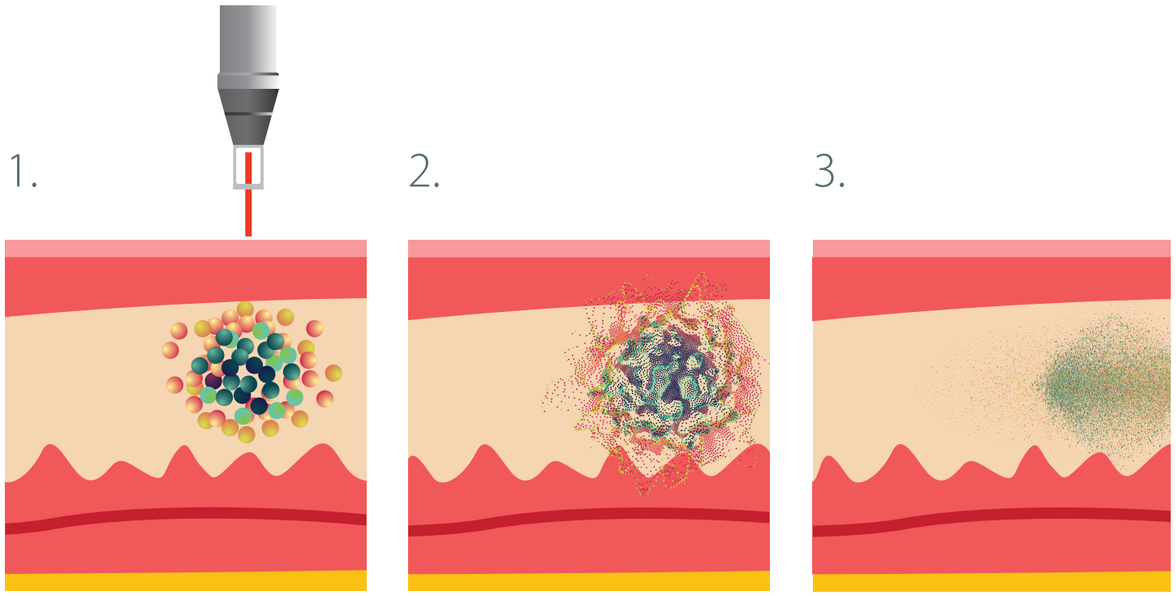

Alma
For You. For Life.
PICO CLEAR
CLEARLY DIFFERENT
HIGH PEAK POWER ✧ SHORTEST PICOSECOND LASER ✧ VARIOUS WAVELENGTHS ✧ VERSATILE TREATMENTS

PICO CLEAR presents a new era in deep pigments shattering, offering optimal results for the removal of colorful tattoos and benign pigmented lesions with just few treatments.

PICO CLEAR mode of operation is based on delivering ultra-short picosecond pulses of energy into the skin tissue. The light absorbed in the pigment is transformed into a photoacoustic wave that shatters the pigment into micro-size particles, which the body immune system can then easily dispose of.



Applicator emitting laser light energy to the tattoo. The light beam penetrates the skin surface and hits the ink particles.

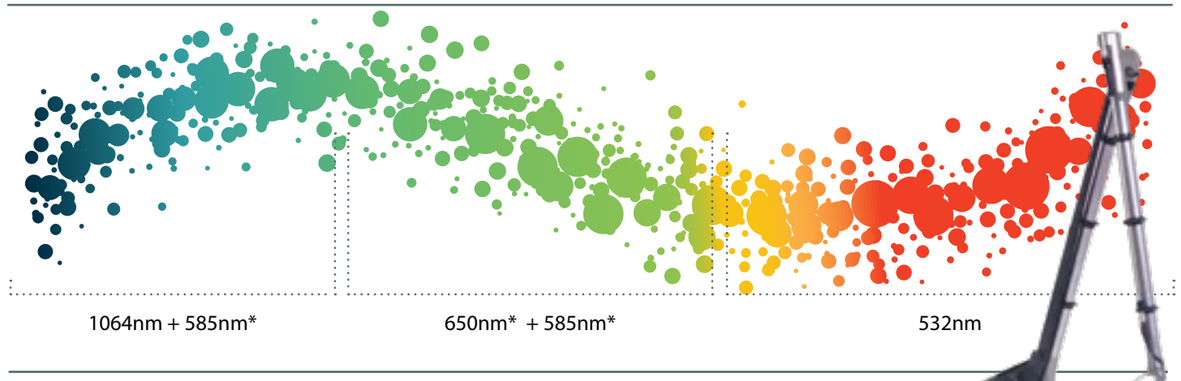
The photo-acoustic effect of the pico-second laser shatters the tattoo pigment into minuscule particles.

The immune system identifies the foreign substance and disposes of it. The tattoo is removed in just a few treatments.

APPEARANCE ON SKIN:

SHORTEST PULSE DURATION

Alma's PICO CLEAR offers top-line technology featuring the shortest pulse duration in the market of 300-350 picoseconds. The ultra-short energy burst ensures optimal results with only few treatments. This state-of-the-art flexible platform allows the practitioner to control multiple function parameters to create tailored treatments: wavelength, energy level, spot size, energy delivery mode and repetition rate.



* Pending CE

PICO CLEAR - THE SUPERIOR TECHNOLOGY

A shorter pulse duration means a higher convergence rate of laser energy into the mechanical force needed in order to shatter the colored pigments into small fractions. The shorter the pulse duration is, the smaller the particles are, from pebbles, to granule and up to thin dust effect.

Picosecond technology offers shorter pulses than Q-Switched Nanosecond laser technology, thus presenting better end-point results with fewer treatments required. But not all Picosecond technologies are the same, and the difference between 750ps to 300ps is as significant as the difference between Nanosecond and Picosecond technologies.

Choosing the best Picosecond platform is essential for optimal results!

INDICATIONS

- Dark Ink Tattoos
- Colored Ink Tattoos
- Lentigines
- Café'-au-lait Birthmarks
- Benign Pigmented Lesions
- Acne Scars
- Wrinkles Reduction

WIDE VARIETY OF APPLICATORS

PICO CLEAR offers an extensive array of applicators, each designed for a specific treatment and indication, together covering a full spectrum of solutions.

Picolor
Offers 9 spot sizes options, ranging between 2 and 10mm, addressing various types, severities and depths of pigmented lesions and tattoos. The Picolor applicator can be used both in Nd:YAG (1064nm) mode and Double Nd:YAG (532nm) mode, using simple on-screen setup.

PicoLift
Employs a fractional delivery method which creates pixel-sized perforations in a 7x7 non-ablative pattern, leaving the surrounding tissue intact. These microinjury sites trigger a wound healing process that strengthens collagen and stimulates neo collagenesis, completely rejuvenating the target tissue. Five distinct treatment depths are available for maximum flexibility and precision.

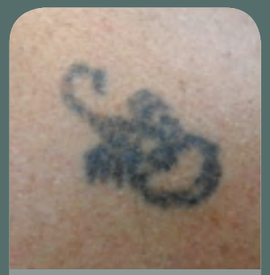
Homogenizer 1064 & Homogenizer 532 *
Square homogenized laser beam profile featuring flat-top energy signature for uniform and consistent surface coverage, preventing hot spots. This applicator offers two footprint options - a 3 X 3 mm square and a 5 X 5 mm square.

CLEAR-Y & CLEAR-R *
These applicators extend the Picolor applicator's capabilities, offering two additional wavelengths, targeting challenging tattoo colors.
The CLEAR-Y applicator is emitting 585nm wavelength specifically targeting sky blue color. The CLEAR-R applicator is emitting 650nm wavelength specifically targeting green and teal colors.

*Pending CE

"Alma's PICO CLEAR delivers impressive results using exclusively picosecond technology. There is no need to have nanosecond technology in order to achieve excellent results, with very few treatments. The use of different wavelengths and a variety of spot sizes provides me the flexibility to treat a variety of clinical indications with maximum accuracy. The easy and intuitive setup of the platform is a nice bonus, too. PICO CLEAR is my ultimate preference for tattoo and pigment removal, knowing I offer an efficient solution without compromising safety, or accuracy. "

Dr. Stefan Sünkel, MD, diehautaerzte.com,
Starnberg, Germany

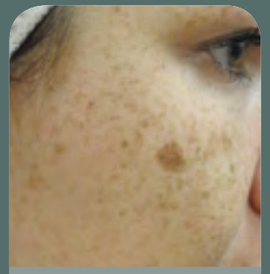


Before

After 4 Treatments

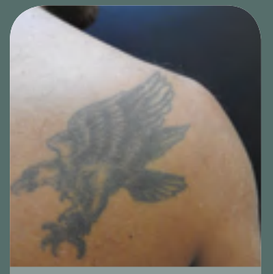
Before

After 4 Treatments



Before

After 1 Treatment



Before

After 4 Treatments

** Courtesy of Alma's Clinical Team*

BENEFITS

- The Latest Picosecond Technology by Alma
- Improved ROI with Excellent Results in Fewer Treatments
- Comprehensive Solution for Pigmented Lesions
- Versatile Platform Enabling Multiple Patient-Tailored Treatment Options
- Supreme Feature-Set
- I - VI Suitable for All Skin Types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TECHNICAL SPECIFICATIONS:

Laser Type	Nd:YAG			Doubled Nd:YAG			
Wavelengths	1064 nm			532 nm		650 nm*	585 nm*
Applicator	Picolor	PicoLift	Homogenizer 1064	Picolor	Homogenizer 532	CLEAR-R	CLEAR-Y
Maximum Energy	450 mJ	350 mJ	400 mJ	250 mJ	220 mJ	60 mJ	90 mJ
Pulse Duration	350 ps			300 ps			
Peak Power	1.3 GW	1.0 GW	1.1 GW	0.8 GW	0.7 GW	0.2 GW	0.3 GW
Spot Sizes	2-10 mm	11 x 11 mm	5 x 5 / 3 x 3 Square	2-10 mm	5 x 5 / 3 x 3 Square	2 mm	
Matrix	-	7 x 7 Microbeam array	-	-		-	-
Repetition Rate	Single 1-10Hz					1 Hz	1,2 Hz
Delivery System	Articulated arm with 2 wavelengths zoom handpiece + pixel, Homogenizer 1064, Homogenizer 532, 650(R), 585(Y) handpieces						
Warm Up TIme	1 Min						
User Interface	Touchscreen with GUI						
Size	With articulated arm: 89 cm (35") x 46 cm (18") x 190 (74"), Without articulated arm: 89 cm (35") x 46 cm (18") x 110 (43")						
Weight	275 Lbs. / 125 Kg.						
Power Requirements	230 VAC, 50/60 Hz, 30 A, 4600 VA single						

*Pending CE

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