



*Transforming Technology
to Enrich Your Life*



Amico Yasna Pars (Pr.J.S.Co)

Amico Yasna Pars is considered as a leading company in the field of medical equipment in Iran. Although the company's field of activity includes a wide range of medical equipment, its main activities include ophthalmology equipment, vision care products and dermatology equipment.

Nearly 2 decades of experience and knowledge, expertise, scientific support and supportive presence in the medical community, has made Amico Yasna Pars one of the top companies in the country, so that many reputable brands in the field of medical equipment have the opportunity to work with this company. Amico Yasna Pars started its activity in 1381 and gained a valuable position in the country by acquiring the representation of reputable world renowned manufacturers.

VISION CARE

In the field of vision care products, Amico Yasna Pars is undoubtedly a leading company in Iran. From the time of "CIBAVISION", which was the pioneer and gold standard of quality in soft contact lenses, until later, when the great company "ALCON" acquired that company and added to its quality and quantity range, Amico Yasna Pars has always been the exclusive representative of Vision care products of "ALCON".

OPHTHALMOLOGY

In the field of ophthalmology, the remarkable cooperation with "JOHNSON & JOHNSON VISION" (which acquired the company "Abbott Medical Optics") positioned Amico Yasna Pars as a pillar quality partner with all major Ophthalmology centers. At the meantime, a broad spectrum of top quality products from reputable manufacturers like "GEUDER", "HUVITZ", "ALCHIMIA" and "OPTOS" helps us to bring full portfolio service to any need in ophthalmology domain.

DERMATOLOGY

In the field of dermatology, Amico Yasna Pars is brining high value service to society by exclusive partnership the with world leading manufacturer "CYNOSURE", followed with rich portfolio of laser solution and body contouring devices from top manufacturers like "LASEROPTEK", "COSMOSFOT" and "ZIMMER". This is making Amico Yasna Pars number one company in Iran to provide a throughout high quality solution for any dermatology centers.

Superior quality in after-sales service

In the company, sales are only the first step to make a long-term relationship based on trust and providing comprehensive customer service. With this point of view and in order to provide widespread support, the company has implemented the Zero Downtime standard to provide the best customer service. According to this standard, along with an experienced team of technical experts and engineers, large-scale investments have been made to supply parts so that customers do not have to wait for full service at any time. Furthermore, if a device needs more time to service, providing a backup device will be another step to prevent any disruption in medical centers in order to respond to patients and clients.

Clinical team

Valuing the best practice methodology and the best outcome for the patient, Amico Yasna Pars has invested largely on development of specialized CLINICAL TRAINING TEAM, to ensure the best usage of devices and to bring excellent result for the patients.

Our clinical team is a true partner alongside the road with all of our customers to provide theoretical and practical training and a number of refreshment sessions throughout the year.

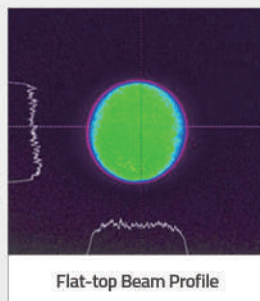
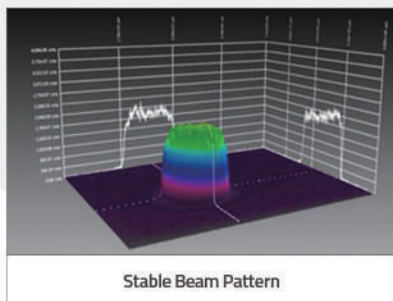
HELIOS III

UNIQUE FRACTIONAL Q-SWITCHED
Nd: YAG LASER



HELIOS III

Due to the uniform beam pattern of HELIOSIII adopting the most advanced beam profile technology, side effects like hyperpigmentation and hypopigmentation are greatly reduced. HELIOSIII can be safely used for extended periods of time with no beam distortion or loss of energy.



Stable Energy & Pulse Duration

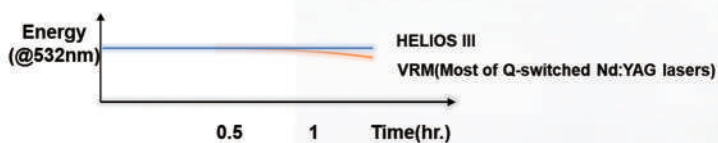
With a long-term experience and technical know-how in laser processing technology, LASEROPTEK achieved the durable stability to deliver users the optimal performance and satisfaction.

LASEROPTEK provides the highest stability in output energy and pulse duration.

Short term output stability < 2% @1064 & 532 nm

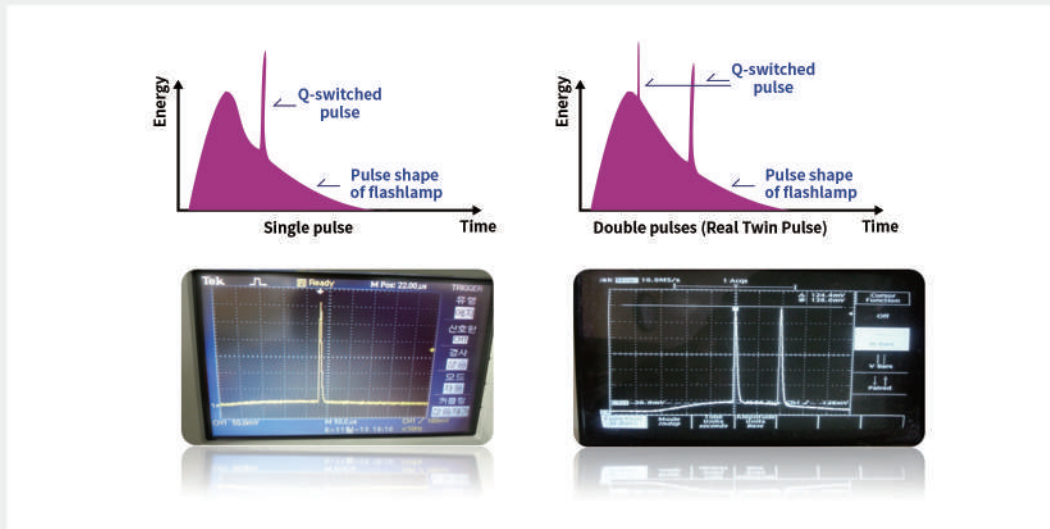
Long term stability < 3%

Maximum output energy: 1.3 Joule (Pulse duration: 8ns)



RTP (Real Twin Pulse) Mode

RTP (Real Twin Pulse) mode is LASEROPTEK's core technology to have the same energy and regular intervals between the first and second Q-switched laser pulses. It uses a lower peak power than single pulse, so it produces a mild subtle thermal damage in target area. But you could experience deeper penetration depth than single pulse mode, because HELIOSIII's RTP mode is the only device which produces 2J maximum output energy. It also shows less downtime and lower rate of side effect on such hyper- and hypo-pigmentations.



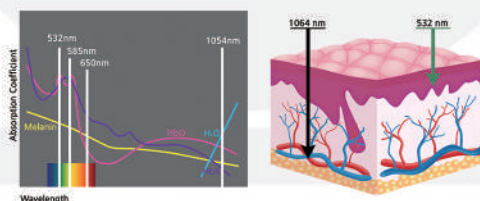
Multiple Laser Modes

Combining 2 complementary wavelengths and 5 different laser modalities HELIOSIII performs a wide range of application in aesthetics. HELIOS delivers two laser wavelengths to cover the complete absorption spectrum of melanin and oxyhemoglobin.

5 different modes with 2 wavelengths

5 modes: 1064, 532, 1064 RTP, 532 RTP, Free running

2 wavelengths: 1064 and 532

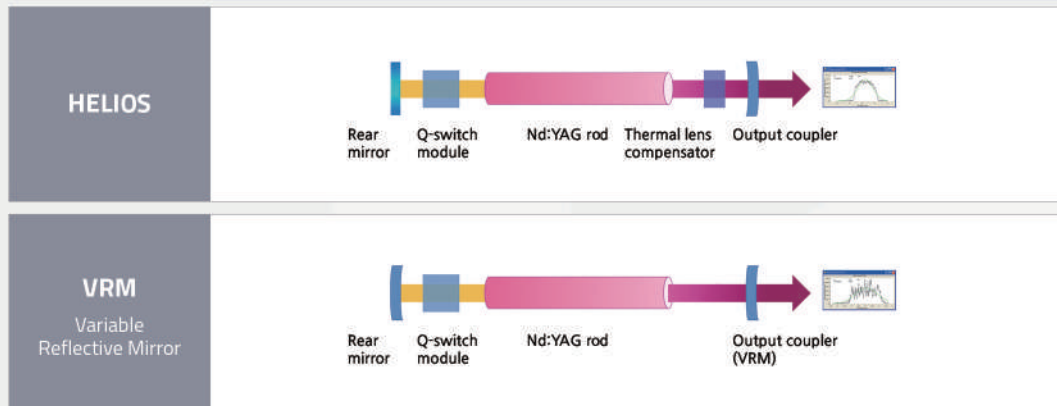


Two wavelengths to treat structures at different skin depths.



HELIOSIII vs VRM (Variable Reflective Mirror)

LASEROPTEK's proprietary thermal lens and thermal birefringence compensator play a role to keep the very uniform beam profile and the very stable output energy. When using high energy and high repetition rates, lots of heat is introduced through flash lamp, leading to reasons of nonuniform beam profile and reduced output energy. Specially designed thermal lens and thermal birefringence compensator help to prevent such problems.



Specialized 532 Fractional Handpiece for Epidermis

- 81 equal spots in the area of beam size allow higher fluence compared to the bulk beam handpiece, allowing it to effectively destroy various epidermal conditions.
- Lower risk of reactive hyper- and hypo-pigmentation
- Lower risk of epidermal damage
- 532nm fractional handpiece to remove "Red" colored tattoo

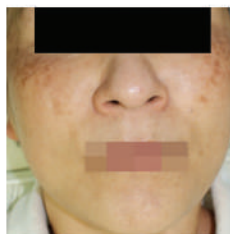




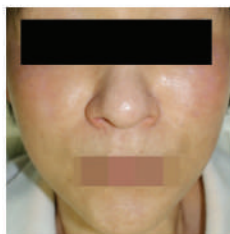
Tattoo Removal - After 4 sessions



Carbon Peeling - After treatment



Melasma, PIH - After 2 sessions



Onychomycosis - After 6 sessions



Freckles - After 1 session



Active Acne - After 2 sessions



SPECIFICATIONS OF HELIOS SERIES

	HELIOS II	HELIOS III
Laser	Fractional Q-switched Nd:YAG	Fractional Q-switched Nd:YAG
Wavelengths	1064nm/532nm	1064nm/532nm
Pulse Energy	1064 (Max. 1200mj) 532 (Max.500 mj)	532 (Max.500 mj) FR (Max. 3000mj) 1064 RTP (Max. 2000 mj) 532 RTP (Max. 500 mj)
Pulse Width	5-10ns (1064nm/532nm, 1064nm) 200µs (long)	5-10ns (1064nm/532nm, 1064 RTP, 532 RTP) 300µs (FR)
Spot size	Fractional 1064: 5 x 5mm ² Collimator: 8mm Zoom: 1-7mm	Fractional 1064: 5 x 5mm ² Fractional 532: 4 x 4mm ² Collimator 8mm Zoom 1-7mm
Handpiece	Fractional 1064 Collimator Zoom	Fractional 1064 Fractional 532 Collimator Zoom
Pulse Rate	Max. 10Hz	Max. 10Hz
Dimensions	906mm (H) *942 mm (L) *330mm (W)	936 mm (H) *819 mm (L) *298 mm (W)
Weight	100kg	80kg

LOTUS III

INNOVATIVE FRACTIONAL MULTI-PULSED
Er: YAG LASER



LOTUS III

The high repetition rates of pulsed LOTUSIII can ablate various epidermal lesions with the cold ablation mode at 40µs pulse duration and is able to coagulate tissue using thermal effect with the ultra-long pulse mode at 5ms pulse duration. The versatility of the LOTUSIII can offer many different settings and modes for a customized treatment plan for various indications. As LASEROPTEK's lasers are technically sound and with the addition of the 40µs and 5ms modes, more skin indications can be treated with less downtime and almost no discomfort.

Why LOTUS III?

Lower risk of post-inflammatory hyperpigmentation (PIH)

Short downtime

Easy and effective

Lower risk of pain, ecchymosis, edema, and erythema

Safer treatment

High Stability of Output Energy

- Short term output stability: < 3%
- Long term stability: < 5%
- Maximum output energy: 3 Joule



Next Generation of Skin Resurfacing Technology / Multiple Laser Modes

ULTRA SHORT PULSE MODE (USP):

The state-of-the-art LOTUSIII advanced technology provides various solutions to your practice. This is enabled by USP and ULP modes. LOTUSIII ablates skin more efficiently, ranging from superficial to deep peels, from non-ablative to fully ablative and to fractional resurfacing.

USP, also called COLD Ablation, can make a deep ablation depth with 40µsec pulse duration. At this mode, thermal damage can be minimized by reliably controlled thermal energy, resulting in less pain and less side effect. This mode is also for the treatment of wrinkles and so on. It can be programmed to deliver adequate energy for each case.

Pulse Duration: 40µs

Deep Ablation Depth

No Thermal Damage

No Pain

Less Side Effect

ULTRA LONG PULSE MODE (ULP):

LOTUSIII also provides ULP (Ultra Long Pulse) mode to compensate the unavailability of coagulation, the biggest weak point of Er:YAG lasers. It can get the maximized coagulation effect by giving a shallow ablation and strong thermal effect using 5ms pulse duration.

ULP Mode is for the promotion of skin reproduction by delivering thermal energy deep into the dermis and stimulating aged skin cells. By implementing Fractional handpiece, it reduces unnecessary thermal damage and its even irradiation of energy maximizes the effect.

Pulse Duration: 5ms

No Ablation

Strong Thermal Effect

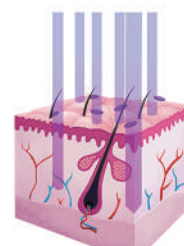
Coagulation

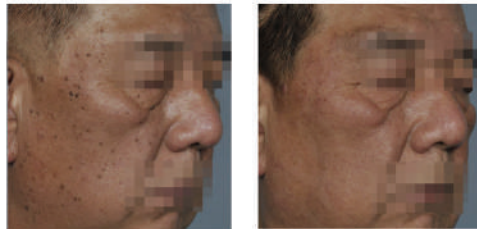
DOE Fractional Mode

LOTUSIII is equipped with the proprietary DOE (Diffraction Optical Element) fractional beam technology.

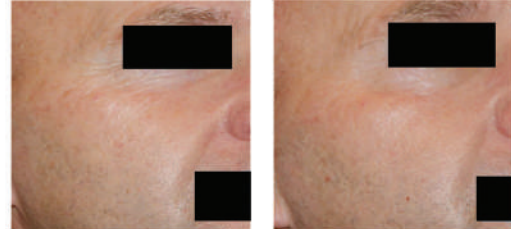
LASEROPTEK's DOE fractional technology can deliver uniform fluence and energy of each individual fractional beam, resulting in equal distribution of the fractional energy to the skin, ablation of the skin in a uniform pattern, and lowering the risk of post-inflammatory hyperpigmentation, burns, and hypo-pigmentation.

The fractional handpiece allows the laser beam to penetrate the dermal layer of the skin to stimulate the regeneration of collagen and elastin. Patients can see remarkable improvement in their skins





Seborrheic Keratosis - After 1 session



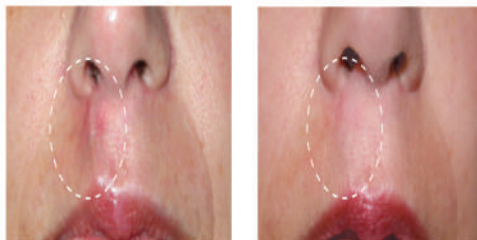
Wrinkle Reduction - After 2 sessions



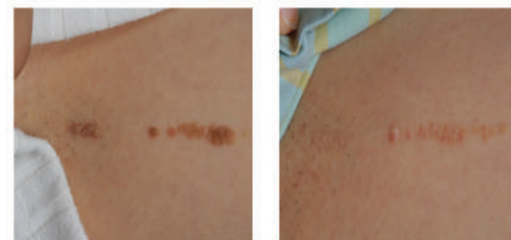
Depressed Scar - After 3 sessions



Acne Scar - After 2 sessions



Keloid - After 2 sessions



Epidermal Nevus - After 1 session

SPECIFICATIONS OF LOTUS SERIES

	LOTUS II	LOTUS III
Laser	Er:YAG	Er:YAG
Wavelength	2940nm	2940nm
Pulse Duration	Short pulse: 350µs Long Pulse: 1ms	USP: 40µs SP: 200µs Normal: 600µs LP: 1ms ULP: 5ms SM: 200µs
Pulse energy	Short pulse: 1.5J Long Pulse: 1J	USP: 600mJ SP: 3000mJ Normal: 900mJ LP: 1000mJ ULP: 900mJ SM: 3000mJ x 6Hz = 18000mJ
Spot size	Fractional 8 x 8mm ² Zoom 1~7mm	Fractional : 8 x 8mm ² Collimator 15mm Zoom 1~7mm
Handpiece	Fractional Zoom	Fractional Collimator Zoom
Repetition Rate	Short Pulse: 3~ 10Hz Long Pulse: 3-5Hz	1~40Hz
Dimensions	906mm (H) *942 mm (L) *330mm (W)	936 mm (H) *819 mm (L) *298 mm (W)
Weight	100kg	80kg

PicoLO

NEW EXPERIENCE OF GENUINE
PICOSECOND LASER



HIGH STABILITY
GENUINE PICOSECOND
VERSATILITY
FASTER



PicoLO

Brings you the most powerful and stable genuine picosecond that you've never experienced

PicoLO is a next generation, truly picosecond Nd:YAG laser (1064nm & 532nm) designed to treat pigmentation lesions and perform tattoo removal, scar correction and skin rejuvenation.

This ultra short pulse targets pigmentations more effectively, minimizing discomfort, pain, side effects and downtime. PicoLO provides the largest spot size to allow faster treatments.



**High
Stability**

**Genuine
Picosecond**

Versatility

Faster



**Output Energy
Stability**

<2%



**Pulse Duration
Stability**

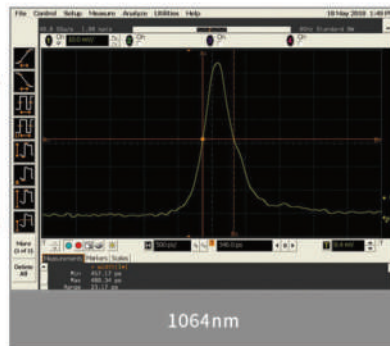
±5%

High Stability for Optimal Results

Stability is a key factor to maintain peak power to deliver optimal results with picosecond lasers. LASEROPTEK provides the highest stability in both output energy and pulse duration at 1064nm and 532nm wavelengths.

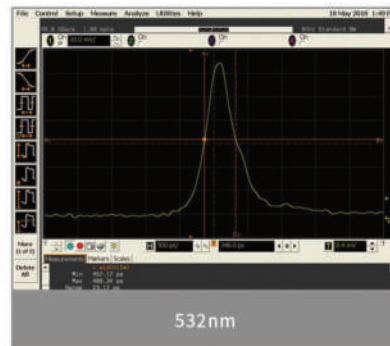
This high stability can be maintained throughout using PicoLO and help to induce LIOB even at low fluence, which makes PicoLO differentiated from all others.

Mean: 469.85ps
Min: 457.17ps
Max: 480.34ps
Range: 23.17ps
Std Dev: 11.74ps (2.5%)



1064nm

Mean: 404.47ps
Min: 403.41ps
Max: 405.52ps
Range: 2.11ps
Std Dev: 1.49ps (0.3%)



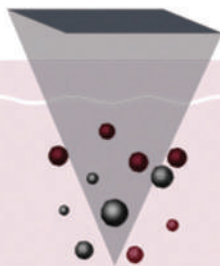
532nm

*measured by oscilloscope

Unless the laser produces picosecond or stability of output energy and pulse duration is maintained, the effect of real picosecond laser will not occur and it is no longer picosecond laser. LASEROPTEK guarantees outstanding performance in stability.

Q-switched Nd:YAG Laser

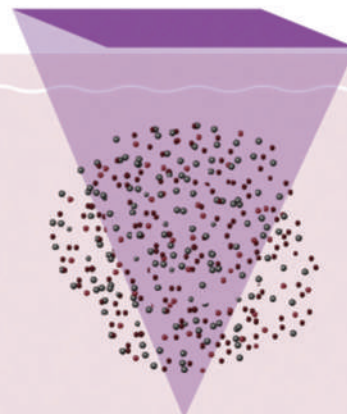
Nanosecond lasers rely on photothermal action, delivering heat to the pigment and surrounding tissue.



Vs

Picosecond Nd:YAG Laser

Only ultrashort pulse duration triggers photomechanical effect.



Photomechanical Effect by DOE Fractional Laser Beam

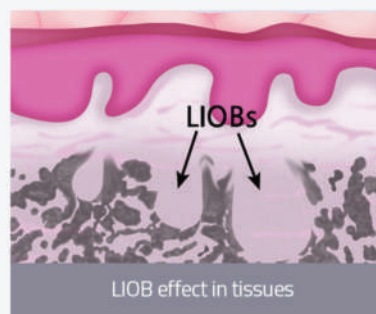
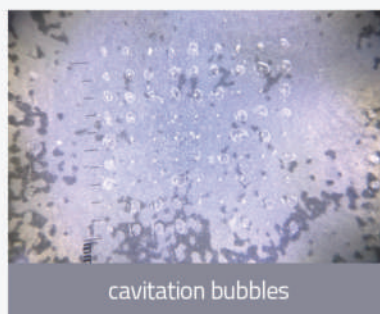
LASEROPTEK's patented DOE Fractional Technology^a has once again been implemented to provide the photomechanical effect, which is the mechanism by which the chromophores of lesions are fragmented and broken up following the application of short pulsed laser that can quickly heat up the targeted chromophores, which is called thermal stress, as well as acoustic stress being achieved when laser pulse duration is less than the acoustic diffusion time.

In addition, it makes collapse of the cavitation bubble to generate strong local mechanical forces within the dermis, so called as Laser Induced Optical Breakdown (LIOB).

References: Friedman, D. (2015). A New Picosecond Paradigm for Prevention of Tattoo and Pigmented Lesion Removal Induced Adverse Sequelae, Schomacker, K., & Bhawalkar, J. D. (2015). Mechanisms of Action of Fractionated 532nm and 1064nm Picosecond Laser for Skin Rejuvenation

^aPatent No. 1010426870000(KR), fractional laser system using of diffraction pattern, and thereof ray method

PicoLO's DOE Fractional Laser Beam can safely generate optical breakdown in tissue, leading to an enhanced inflammatory healing process resulting in production of collagen and elastin.



Collapse of cavitation bubbles generates LIOB effect in tissues



The DOE fractional beam can make every spot have the same fluence and penetration depth, enabling heat dissipated through intact skin.

LIOB micro-subcision induces dermal remodeling

Can be adjusted to have no or very short downtime

Very low risk of PIH

PicoLO

User-friendly design offers convenient operating and maximizes the satisfaction of clinicians



**GOOD DESIGN
AWARD 2017**

Faster Treatment

The largest spot size among other picosecond lasers enables you to treat more patients faster

Compact Size

Only half the size of other picosecond lasers guarantees you outstanding space utilization

Simple & Easy Hand Pieces

Zoom (2~7mm), fractional (10x10, 7x7mm²) and collimated (20x20mm²) are recognized automatically when connected

Rotatable Monitor

Rotatable design provides convenient operating

SUPER Stability

PicoLO's high stability in energy and pulse duration enables to experience the genuine picosecond

Built-in Hand piece compartment

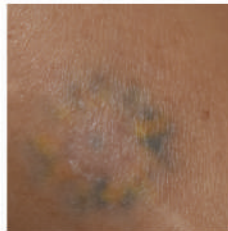


Faster Treatment

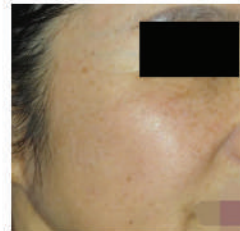
PicoLO's the largest spot size, ranging from 2mm to 20mm, on the market allows you to deliver much faster treatments with less treatment sessions.

For All Skin Types and Various Skin Conditions

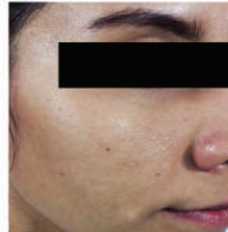
PicoLO combines two effective wavelengths and ultra-short pulses to work for all skin types and can be conveniently utilized in treating any types of tattoo, pigmentations, scars, and skin rejuvenations with low or no downtime.



Tattoo Removal - After 2 sessions



Melasma / Lentigo - After 5 sessions



Skin Tightening / Skin Texture - After 1 session



Scar & PIH - After 1 session



Acne Scar - After 4 sessions



Melanochia - After 5 sessions

SYSTEM SPECIFICATIONS

Laser type	Nd:YAG
Wavelength	1064nm/532nm
Pulse duration	450ps/380ps
Pulse Energy (max)	500mJ/350mJ
Repetition rates	M1, M3, M5, 1~10Hz
Peak Power	1.1GW
Spot size	Zoom: 2 ~ 7mm Fractional: 10 x 10/7 x 7mm ² Collimated: 20 x 20mm ²
Display	10.4" TFT LCD Touch panel
Electrical control	ARM processor
Cooling system	Closed cycle water to air heat exchanger
Electrical Power	220-230VAC, 50/60Hz
Dimensions	372(W) x 1034(D) x 903(H)
Weight(kg)	110kg

آمی‌کویسنا پارس به عنوان شرکت پیش‌تاز در زمینه لوازم و تجهیزات پزشکی در ایران به شمار می‌رود. اگرچه گستره فعالیت این شرکت طیف وسیعی از تجهیزات پزشکی را در بر می‌گیرد، اما فعالیت اصلی آن لوازم و تجهیزات چشم‌پزشکی، مراقبت‌های بینایی و لیزرهای پیشرفته پوستی و پیکرتراشی را شامل می‌شود. نزدیک به ۲۰ ساله دانش و تجربه، تبحر، پشتوانه علمی و نیز حضور حمایتی در جامعه پزشکی، آمی‌کویسنا پارس را به یکی از شرکت‌های برتر کشور تبدیل ساخته است به نحوی که بسیاری از برندهای معتبر در عرصه لوازم و تجهیزات پزشکی همکاری با این شرکت را فرصتی ارزشمند برای خود به شمار می‌آورند.

شرکت آمی‌کویسنا پارس فعالیت خود را در سال ۱۳۸۱ آغاز کرد و دیری نپایید که با کسب نمایندگی کمپانی‌های معتبر و عرضه محصولات برتر به ویژه در زمینه‌های چشم و پوست به جایگاه ارزشمندی در کشور دست یافت.

مراقبت‌های بینایی

در حیطه مراقبت‌های بینایی بی‌تردید می‌توان آمی‌کویسنا پارس را به عنوان شرکت پیش‌تاز به شمار آورد. از دوران کمپانی "CIBAVISION" گرفته که استاندارد طلایی کیفیت در لنزهای تماسی نرم به شمار می‌رفت تا بعدها که کمپانی بزرگ "ALCON" کمپانی نامبرده را به تملک درآورد و بر گستره کیفی و کمی آن افزود، آمی‌کویسنا پارس همواره نمایندگی انحصاری این برندها را بر عهده داشته و بهترین محصولات را در این زمینه در اختیار متخصصین و مردم عزیزمان قرار داده است.

چشم‌پزشکی

در حیطه چشم‌پزشکی همکاری انحصاری این شرکت با کمپانی عظیم "JOHNSON & JOHNSON VISION" (که کمپانی "Abbott Medical Optics" را تحت تملک خود قرار داد) باعث شد تا جایگاه آمی‌کویسنا پارس به عنوان یکی از شرکای اصلی ارائه خدمات در تمامی مراکز برتر چشم‌پزشکی تثبیت گردد. در کنار آن همکاری با تولیدکنندگان تراز اول جهانی از قبیل "ALCHIMIA"، "HUVITZ"، "GEUDER" و "OPTOS" این شرکت را قادر ساخته تا با ارائه سبدهای کامل از محصولات با کیفیت برتر بتواند جوابگوی هر نیازی در حیطه چشم‌پزشکی باشد.

پوست و زیبایی

در حیطه پوست و زیبایی، بی‌تردید عرضه انحصاری محصولات بزرگترین و معتبرترین کمپانی دنیا "CYNOSURE" آمی‌کویسنا پارس را به انتخاب اول متخصصین پوست و زیبایی بدل کرده است. در همین هنگام ارائه کاملی از محصولات برتر از تولیدکنندگان بنام جهانی نظیر "ZIMMER"، "LASEROPTEK" و "COSMOSOFT"، این شرکت را قادر ساخته تا بتواند مجموعه کاملی از تجهیزات در زمینه لیزرهای درمانی و زیبایی و دستگاه‌های پیکرتراشی و تناسب اندام، در اختیار جامعه محترم متخصصین قرار دهد.

کیفیت برتر در خدمات پس از فروش

در شرکت آمی‌کویسنا پارس، فروش تنها مرحله نخست از ایجاد ارتباطی دراز مدت مبتنی بر اعتماد و ارائه خدمات همه‌جانبه به مشتریان است. با این دیدگاه و به منظور حمایت گسترده، این شرکت، استاندارد Zero Downtime را برای عرضه بهترین خدمات به مشتریان پیاده‌سازی کرده است. براساس این استاندارد در کنار تیمی کارآزموده و با تجربه از کارشناسان فنی و مهندسان، سرمایه‌گذاری در سطحی کلان برای تأمین قطعات صورت گرفته تا مشتریان در هیچ برهه زمانی برای دریافت خدمات کامل در انتظار نمانند. فراتر آنکه چنانچه علی‌رغم تمامی این تدابیر سرویس یک دستگاه نیاز به زمان بیشتری داشته باشد ارائه دستگاه پشتیبان گام دیگری برای جلوگیری از بروز هرگونه اختلال در مراکز درمانی در جهت پاسخگویی به بیماران و مراجعین خواهد بود.

واحد آموزش کلینیکال

و این همه راه نیست. از آنجا که دانش کافی در استفاده از یک محصول از اهمیت بسیاری برخوردار است، واحد آموزش شرکت آمی‌کویسنا پارس با آموزش‌های تخصصی در قالب مفاهیم تئوری و عملی به صورت مداوم در کنار متخصصین و کاربران دستگاه‌ها و تجهیزات در مراکز حضور یافته و کلیه نکات کلیدی و لازم را به طور کامل و در قالب جلسات ادواری آموزش می‌دهد.



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