



The Ultimate
Rejuvenation Workstation

QuadroStarPRO

Pure Yellow 577nm Diode Laser

Melasma

Skin Rejuvenation
Vascular Lesions
Pigmented Lesions
Cutaneous Lesions

Most effective wavelength for
Skin Types 1-5

SCAN SHAPES



 **MADE IN GERMANY**
FDA approved



Advantages

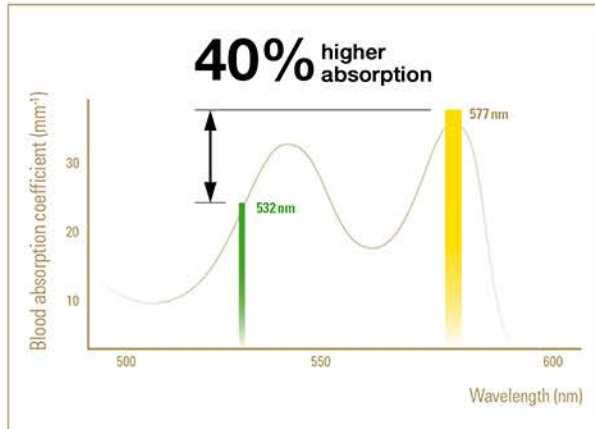
- Unique, one-of-a-kind diode laser
- Newest HOPSL Technology (High-Power Optically Pumped Semiconductor Laser)
- Maximum power for vascular treatments
- Latest skin cooling technology
- No consumables
- High reliability
- Portable

The Power of Yellow is finally here!

The yellow wavelength (577nm) provides peak absorption by hemoglobin, which is the target chromophore when treating blood vessels. As it is more selective than the standard green wavelength (532nm), the yellow wavelength is able to produce 40% higher absorption in blood. This translates to less required fluence, less absorption by melanin, reduced risk of side effects and the ability to more safely treat light to dark skin types (1-5).

577nm (yellow) vs 532nm (green)

- Peak absorption by hemoglobin
- 40% higher absorption in blood
- Less absorption in melanin
- Less risk of side effects
- Less fluence required
- Better results at equal fluence



A Wide Variety of Indications

- melasma
- port wine stains
- spider nevus
- fractionated rejuvenation
- post-acne erythema
- spider angioma
- benign moles
- pyogenic granuloma
- telangiectasia
- cherry angioma
- rosacea
- venous lake
- couperosis
- scar revision
- verruca vulgaris
- hemangioma
- sebaceous hyperplasia
- wrinkles
- lentigines
- seborrheic keratosis
- xanthelasma
- poikiloderma of civatte
- skin tags

Specifications

| | |
|--------------|---|
| LASER TYPE | HOPSL** (577nm Diode) FDA Class 4, Health Canada Class 3 |
| WAVELENGTH | 577nm |
| POWER | Maximum 5 Watt |
| PULSE LENGTH | 1ms - CW |
| FREQUENCY | 0.5 - 20 Hz |
| MODES | Basic, Expert, CW, Scan |
| SPOT SIZE | HOPSL: Standard 1.0mm Optional 0.5mm; 1.5mm; 2.8mm |

| | |
|---------|---|
| SCANNER | Spot size: 1.0mm Spot size: Max. 15mm x 15mm Adjustable spot density Shapes: □ □ □ ○ |
|---------|---|

| | |
|------|--------------------------------|
| SIZE | 42cm x 38cm x 19cm (W x D x H) |
|------|--------------------------------|

| | |
|--------|--------|
| WEIGHT | < 12Kg |
|--------|--------|

* All specifications are subject to change without notice.

** High-power Optically Pumped Semiconductor Laser

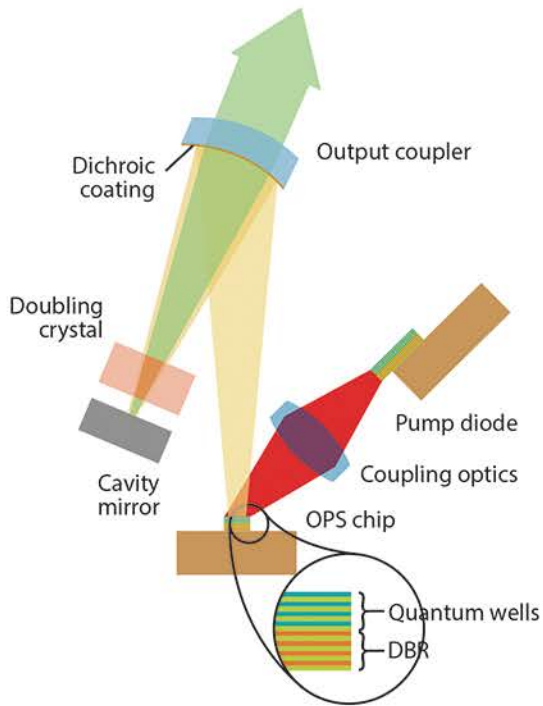
Accessories

- Handpiece with optional spot sizes: 0.5mm, 1.5mm, 2.8mm
- Syris v900L polarizing headset
- Specially designed, 577nm high visibility glasses
- Patient eye block
- Custom shockproof, waterproof carrying case



QuadroStarPRO YELLOW

Innovation



HOPSL Technology

The QuadroStarPRO **HOPSL** (High-power Optical Pumped Semiconductor Laser) emits 577 nm light at 5 Watts, as a Continuous Wave (CW) or pulse.

HOPSL technology provides superior reliability ensures consistent uptime and the lowest cost of ownership for demanding medical applications.

Features:

- High power
- High reliability
- No power drop
- No consumables
- Low running costs

iPad App

The QuadroStarPRO is the only medical laser with an optional iPad app which allows users to wirelessly manage treatment parameters, customer records, as well as provide an interactive patient education tool, complete with patient videos and before & afters.

App Features:

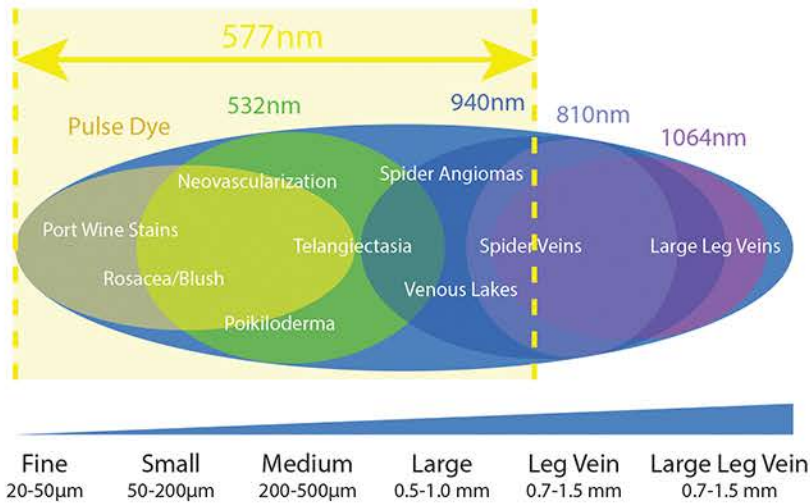
- Customer database
- List of indications for different treatments
- Before & after pictures
- Training videos
- Treatment parameters
- Technical support
- Direct marketing tools



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Vascular Lesion Market



A Wide Variety of Indications

The yellow wavelength (577nm) provides peak absorption by hemoglobin, which is the target chromophore when treating blood vessels. As it is more selective than the standard green wavelength (532nm), the yellow wavelength is able to produce 40% higher absorption in blood. This translates to less required fluence, less absorption by melanin, reduced risk of side effects and the ability to more safely treat a wide variety of indications for both light & dark skin types (1-5).

Indications:

- melasma
- fractionated rejuvenation
- benign moles
- cherry angioma
- couperosis
- hemangioma
- lentiginos
- poikiloderma of civatte
- port wine stains
- post-acne erythema
- pyogenic granuloma
- rosacea
- scar revision
- sebaceous hyperplasia
- seborrheic keratosis
- skin tags
- spider nevus
- spider angioma
- telangiectasia
- venous lake
- verruca vulgaris
- wrinkles
- xanthelasma



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Advantages

| ITEMS | 577 nm | 532 nm | DYE* |
|-----------------------------|--------|--------|------|
| Treat Melasma | ✓ | | |
| Range of indications | ✓ | ✓ | |
| Darker skin types | ✓ | | |
| Maximum absorption in blood | ✓ | | |
| Lower absorption in melanin | ✓ | | ✓ |
| Least side effects | ✓ | | |
| HOPSL Technology | ✓ | | |
| iPad App Management | ✓ | | |
| Reliability | ✓ | ✓ | |
| Maintenance costs | ✓ | ✓ | |
| System size | ✓ | ✓ | |
| Weight | ✓ | ✓ | |

✓ Optimal

* Dye lasers from other manufacturers



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Melasma

Dr. Arthur Simon, Jakarta, Indonesia

Before & after 1 month, 1 treatment, scanner 80% coverage, 100% cooling, 18 J/cm², shortest pulse



Melasma

Dr. Atchima Suwanchinda, Thailand

Before & after 17 days, 1 treatment, 1 mm spot, 14 J/cm², defocused brushing technique, shortest pulse



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Melasma

Before & after 10 days, 1 treatment, 1 mm spot, scanner 80% coverage at 28 J/cm², 100% cooling, shortest pulse, spot treat brush technique at 16 J/cm², defocused



Pigmented & Vascular Lesions

Dr. Arthur Simon, Jakarta, Indonesia

Before & after 1 month, 1 treatment, 1mm spot, 1 trace, 15 J/cm², shortest pulse



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Telangiectasia

Dr. Arthur S. Simon, Jakarta, Indonesia

Before & after 1 month, trace, 1mm spot size, 14-16 J/cm², shortest pulse



Telangiectasia

Dr. Paul Wood, Bad Homburg, Germany

Before & after 3 weeks, scanner 100% coverage, 19 J/cm², 11ms



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Telangiectasia

Dr. Paul Wood, Bad Homburg, Germany

Before & after 17 days, 1 mm spot size, 14 J/cm², 18 ms pulse, single pass



Telangiectasia

Dr. Paul Wood, Bad Homburg, Germany



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Post-acne Erythema

Dr. Arthur Simon, Jakarta, Indonesia

Before & after 1 month, scanner 80% coverage, 70% cooling, 20 J/cm², shortest pulse



Post-acne Erythema

Dr. Arthur Simon, Jakarta, Indonesia

Before & after 1 month, scanner 80% coverage, 70% cooling, 22 J/cm², shortest pulse



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Post-acne Erythema

Dr. Arthur Simon, Jakarta, Indonesia

Before & after 1 month, scanner 80% coverage, 70% cooling, 20 J/cm², shortest pulse + brush 14 J/cm² on spots



Couperose / Rosacea

Dr. Paul Wood, Bad Homburg, Germany

Before & after 3 weeks, 1 treatment, 1mm spot, 12 J/cm², 19ms



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Lentigo

Dr. Arthur Simon, Jakarta, Indonesia

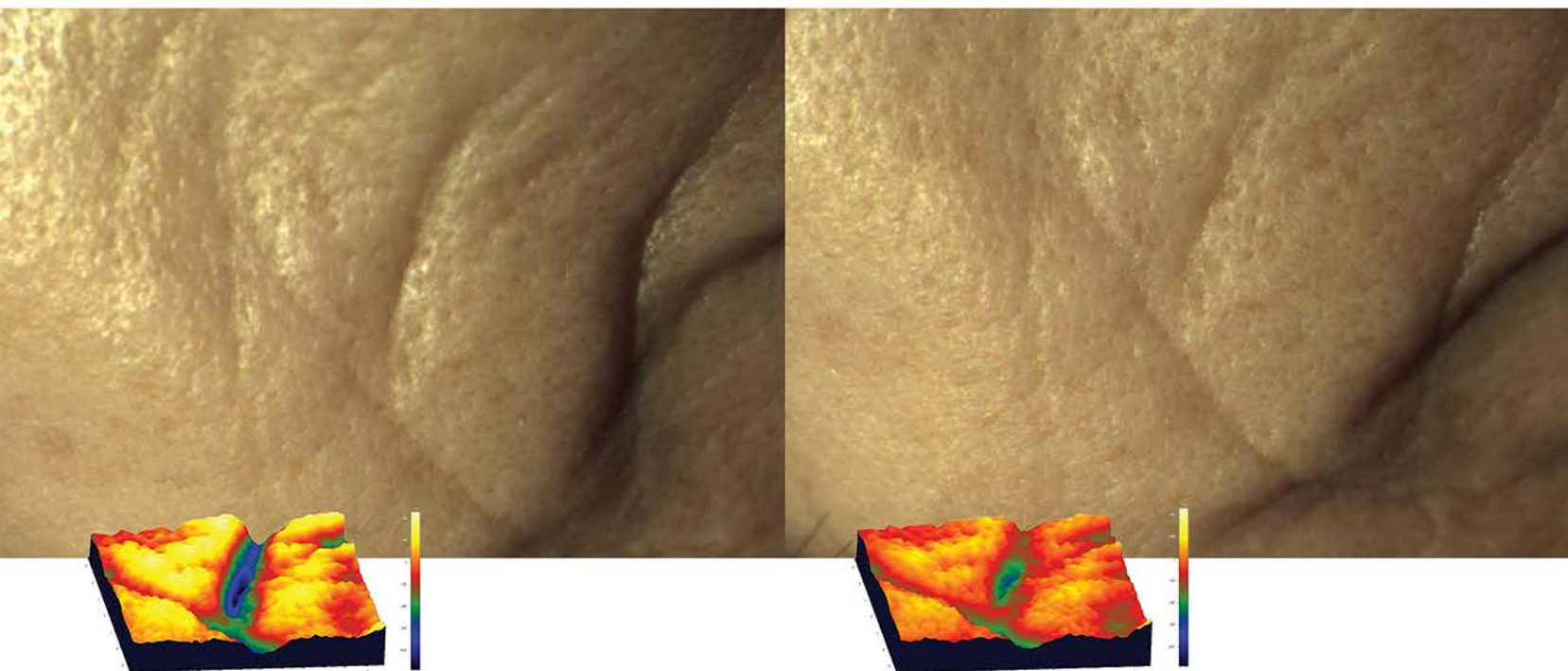
Before & after 1 month, brush 12 J/cm² on spot defocused 5 cm, shortest pulse



Wrinkle Reduction

Dr. André Steps, Germany

Before & after 4 months, scanner 100% coverage, 2 passes, 5 treatments, 15-19 J/cm², shortest pulse



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Scar Reduction

Dr. André Steps, Germany

Before & after 38 days, 2 treatments, scanner, 18-23 J/cm²





Asclepion Laser Technologies GmbH
Jena Optical Valley, Germany

Why Asclepion.

For more than 35 years, Asclepion Laser Technologies has been operating as a leader in the international medical laser industry. The company is based in the Jena Optical Valley, famous throughout the world as the homeland of the German optics industry. This privileged location along with continuous investments in research & development of new technologies have enabled Asclepion to take a leading role in the scientific optics industry where it collaborates actively with researchers from top German Universities.

Today, more than 60 countries trust the "Made in Germany" technology of Asclepion and its proven scientific expertise.

Asclepion follows a strict customer orientated philosophy, with a full range of services and assistance for customers - to support and accompany them even after their purchase.

The Asclepion Academy

Trainings are held regularly in the Asclepion Academy training center based in Jena, with participants from all over the world. Moreover, our international network of reference centers are available for interested physicians.

Preparing for Success

Asclepion supports its customers with a wide range of marketing kits and materials, including:

The Starting Kit: guides, manuals and protocols for assisting the physician through all the phases of use.

The Welcome Kit: additional materials such as patient information flyers, posters, pre & post laser treatment guide and anamnesis forms.

The Premium Kit: exclusive marketing tools for further improvement and organization of a practice – marketing guide, advanced waiting room tools, and website template.

Asclepion WebClub for Physicians

The Asclepion WebClub is a special online platform for all physicians, including application information, marketing materials, videos and more.

PRODUCT HISTORY

2014
QuadroStar Pro

2006
QuadroStar+

2004
QuadroStar

2002
BeautyStar

1993
DLS 5

1984
DL 5000

1977
Company founded