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 HOPS 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(1-9).

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
• fractional rejuvenation
• benign moles
• cherry angioma
• couperosis
• hemangioma
• lentigenes
• polikidoderma 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

Specifications

<table>
<thead>
<tr>
<th>LASER TYPE</th>
<th>HOPS L (577nm Diode)</th>
</tr>
</thead>
<tbody>
<tr>
<td>WAVELENGTH</td>
<td>577nm</td>
</tr>
<tr>
<td>POWER</td>
<td>Maximum 5 Watt</td>
</tr>
<tr>
<td>PULSE LENGTH</td>
<td>1ms - CW</td>
</tr>
<tr>
<td>FREQUENCY</td>
<td>0.5 - 20 Hz</td>
</tr>
<tr>
<td>MODES</td>
<td>Basic, Expert, CW, Scan</td>
</tr>
<tr>
<td>SPOT SIZE</td>
<td>HOPS L: Standard 1.0mm Optional 0.5mm; 1.5mm; 2.8mm</td>
</tr>
<tr>
<td>SCANNER</td>
<td>Spot size: 1.0mm Spot size: Max. 15mm x 15mm Adjustable spot density Shapes: □ □ □</td>
</tr>
<tr>
<td>SIZE</td>
<td>42cm x 38cm x 19cm (W x D x H)</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>&lt; 12kg</td>
</tr>
</tbody>
</table>

*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 v300L 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

Asclepion Laser Technologies

MADE IN GERMANY
FDA approved
QuadroStar PRO YELLOW

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
- lentiginas
- poikiloderma of civatte
- port wine stains
- post-acne erythema
- pyogenic granuloma
- rosacea
- scar revision
- sebaceous hyperplasia
- saporheic keratosis
- skin tags
- spider nevus
- spider angioma
- telangiectasia
- venous lake
- verruca vulgaris
- wrinkles
- xanthelasma

Asclepion Laser Technologies
MADE IN GERMANY
FDA approved
## QuadroStar PRO Yellow

### Advantages

<table>
<thead>
<tr>
<th>ITEMS</th>
<th>577 nm</th>
<th>532 nm</th>
<th>DYE*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Treat Melasma</td>
<td>✔️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Range of indications</td>
<td>✔️</td>
<td>✔️</td>
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<tr>
<td>Darker skin types</td>
<td>✔️</td>
<td></td>
<td></td>
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<tr>
<td>Maximum absorption in blood</td>
<td>✔️</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lower absorption in melanin</td>
<td>✔️</td>
<td>✔️</td>
<td>✔️</td>
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<tr>
<td>Least side effects</td>
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</tr>
<tr>
<td>HOPSL Technology</td>
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<tr>
<td>iPad App Management</td>
<td>✔️</td>
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<tr>
<td>Reliability</td>
<td>✔️</td>
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<td>✔️</td>
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<tr>
<td>Maintenance costs</td>
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<tr>
<td>System size</td>
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<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>Weight</td>
<td>✔️</td>
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</tr>
</tbody>
</table>

* Optimal

*Dye lasers from other manufacturers*
**QuadroStarPRO**

**YELLOW**

**Melasma**
Dr. Arthur Simon, Jakarta, Indonesia
Before & after 1 month, 1 treatment, scanner 80% coverage, 100% cooling, 18 J/cm², shortest pulse

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**Melasma**
Dr. Atchima Suwanchinda, Thailand
Before & after 17 days, 1 treatment, 1 mm spot, 14 J/cm², defocused brushing technique, shortest pulse
QuadroStarPRO YELLOW

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
**QuadroStarPRO**

**YELLOW**

**Telangiectasia**

Dr. Arthur S. Simon, Jakarta, Indonesia

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

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**Telangiectasia**

Dr. Paul Wood, Bad Homburg, Germany

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

**YELLOW**

**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
Post-acne Erythema
Dr. Arthur Simon, Jakarta, Indonesia
Before & after 1 month, scanner 80% coverage, 70% cooling, 20 J/cm², shortest pulse
QuadroStarPRO YELLOW

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
QuadroStarPRO

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

Scar Reduction
Dr. André Steps, Germany
Before & after 38 days, 2 treatments, scanner, 18-23 J/cm²
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 anaesthetic 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.