

MYDON

Perfect for Spider Veins



MYDON sets the standards for efficacy by uniquely combining an integrated cooling system, a pain-reducing burst mode and the established 1,064 nm wavelength. With the long-pulsed Nd:YAG laser system MYDON, doctors and clinics can offer their patients a modern and gentle treatment option for the following indications:

- > Removal of vascular lesions (for example, spider veins)
- > Gentle improvement of the skin texture (skin rejuvenation)
- > Varicose veins (endoluminal therapy!)
- > Effective laser hair removal for all skin types (optional function)

The Unique Nd:YAG Laser System for Treatment of Vascular Skin Alterations

INTEGRATED COOLING BEFORE, DURING AND AFTER THE TREATMENT

The integrated cooling system efficiently desensitizes the treatment area before, during and after the application of the treatment beam while protecting the epidermis.

PAIN-REDUCING BURST MODE

The highest possible efficacy with the maximum protection of the skin surface is achieved with the special burst mode. The burst mode separates the selected dose into a number of short pulses, resulting in enhanced skin cooling between pulses. This allows the use of the high energy density required for treating vessels of up to 5 mm.

INDEPENDENT OF COLOR AND DEPTH

1,064 nm light penetrates deeply into the skin, where it is absorbed by pigments or hemoglobin. The energy that is necessary to permanently close superficial and deeper lying vessels is directly applied. All vessels absorb the wavelength equally. Besides indications such as hemangioma, teleangiectasia, etc, MYDON can also be used to improve the skin texture because it stimulates collagen neosynthesis. An optional handpiece for hair removal of all skin types (I–VI) is available. The special coating of the optics for photon recycling dramatically increases the efficiency.

EASY TO CHANGE TREATMENTS

Depending on the indication, different handpiece inserts and spot sizes are available. It is easy to change the inserts. When you switch between inserts of treatment modes the system automatically limits the parameters. You can easily remove the window in the handpiece to ensure an optimal view of very fine vessels. Even endoluminal laser therapy of varicose veins is possible by connecting a sterile fiber (optionally available).

Technical Specifications MYDON

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|---------------------|--------------------------|------------------------|-----------------------|
| Laser type | Nd:YAG | Pulse width | 0.5–90 ms |
| Wavelength | 1,064 nm | Repetition rate | 1–10 Hz |
| Beam diameter (VAS) | 1.5 / 3 / 5 mm | Power requirements | 230 V, 16 A, 50/60 Hz |
| Beam diameter (EPI) | 7 / 10 mm (optional) | Dimensions (L x W x H) | 84 x 35 x 102 cm |
| Energy density | 10–450 J/cm ² | | |

Technical specifications are subject to change without notice. Intended use may differ from this brochure.

