VenaCure 1470 Laser
THE POWER OF WATER
The VenaCure 1470 nm laser from AngioDynamics targets water in the blood to ablate the vein, and may offer better patient results, compared to RFA and 940 nm wavelength.²³

AngioDynamics is not only a pioneer in the laser vein ablation market, we’re also the world’s largest endovenous laser ablation company.

Better Outcomes

The VenaCure 1470 nm laser is a water-specific laser, targeting water as the chromophore to absorb the laser energy. Since the vein structure is mostly water, it is theorized that the 1470 nm laser wavelength is able to efficiently heat the vein endothelial cells with little chance of collateral damage, resulting in an optimal vein ablation.¹

The VenaCure 1470 nm laser is designed to work exclusively with AngioDynamics fibers, including the NeverTouch fibers. Maximizing these two technologies may result in even better patient outcomes.² The 1470 nm laser allows effective vein ablation with the targeted energy of 30-50 joules/cm at a setting of 5-7 watts.

All the Features You Love

The VenaCure 1470 nm laser features include:

• Quality craftsmanship and high performance design
• Intuitive controls and interconnects for ease of use
• The Fiber Recognition System (FRS) which programs the laser for the specific fiber type being used, allowing for fewer steps and shorter procedure time

Reliable

AngioDynamics is one of the few vein treatment companies to manufacture the laser and fiber components. The VenaCure 1470 nm laser is hand-crafted in AngioDynamics’ New York manufacturing facility. Our proven track record of reliability allows us to offer an industry-leading 3-year warranty to ensure a high quality laser and service. Ablate veins with the confidence that AngioDynamics’ equipment is of the highest quality available on the market.

FEATURES

Fiber Recognition System (FRS)

• Faster procedure set-up with preset parameters
• Immediate recognition of procedure presets
• Protective door helps prevent dust particles from damaging laser or fiber

Quality

• Industry-leading 3-year standard warranty ensures every laser will receive top-notch service
• Internal sensors constantly monitor wattage ensuring a constant energy output
• More than 20 safety features at and above standard

Easy to Use

• Intuitive user interface with fewer buttons
• Programmable sound pulses allows for audible tracking of pull-back rate which increases repeatability of treatment
• Aiming beam with variable modes and brightness increases visibility in patient
• Real-time on-screen display of treatment energy

Lightweight, Compact and Portable

Easily transported between hospital and office

MultiMedia Card (MMC)

• Stores data for at least 100 treatments
• Automated tracking of procedure and fiber records
• Available USB-MMC (SD memory card) card reader/writer enables easy data transfer to PC

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laser Type</td>
<td>Diode laser, CW, class IV</td>
</tr>
<tr>
<td>Centre</td>
<td>1470 nm</td>
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<tr>
<td>Wavelength</td>
<td>1470 nm</td>
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<tr>
<td>Maximum Power</td>
<td>12 W to the laser output port</td>
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<tr>
<td>Aiming Beam</td>
<td>Red Class IIIa diode laser, ≤5 mW at</td>
</tr>
<tr>
<td></td>
<td>port, wavelength 635–655 nm</td>
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<tr>
<td>Pulse Interval</td>
<td>100 ms–1000 ms</td>
</tr>
<tr>
<td>Power Supply</td>
<td>100–240 V AC, 50–60 Hz, 500 VA max</td>
</tr>
<tr>
<td>Dimensions</td>
<td>150 mm x 370 mm x (H x W x D)</td>
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<tr>
<td></td>
<td>325 mm (± 5 mm)</td>
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<tr>
<td>Weight</td>
<td>12 kg max</td>
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</tbody>
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"The new VenaCure 1470 laser from AngioDynamics, coupled with their NeverTouch fiber, has given my patients the best outcomes with literally no post op pain and bruising”

– W. VAN GENT, MD
Vascular Surgeon

1. Kabnick L., et al. Fiber type as compared to wavelength may contribute more to improving postoperative recovery following endovenous laser ablation. JVS; 4: 286-292
AngioDynamics’ VenaCure EVLT endovenous laser vein treatment offers patients a minimally-invasive choice for treating the source of their varicose veins and provides them with quicker recovery and a return to normal daily routines, as compared to surgical stripping. The VenaCure EVLT System includes a 1470 nm laser, 600 um or 400 um laser fiber procedure kits including accessories, marketing materials, support and more. For more information on these products, including our proprietary NeverTouch* fiber technology, please visit www.VenaCure-EVLT.com.

IMPORTANT RISK INFORMATION


CONTRAINDICATIONS: Patients should not have their varicosities ablated who have the following conditions: thrombus in the vein segment to be treated; an inability to ambulate; severe arterial disease; deep vein thrombosis or those with a history of DVT’s; pregnant or breast-feeding; or patients in general poor health. Other contraindications may be raised by the individual physician at the time of treatment.

WARNINGS AND PRECAUTIONS: Read the Instructions For Use and the Laser Operator’s manual thoroughly prior to using VenaCure EVLT procedure kits. Observe all warnings, precautions and cautions noted. Failure to do so may result in patient complications.

CAUTION: Intended for use only by fully trained physicians. Federal (USA) law restricts these devices to sale by or on the order of a physician. VenaCure EVLT procedure kits are intended for single patient use only. Inspect the sealed packages before opening. If seals are broken or the packages are damaged, treat as non-sterile and discard. Ensure expiration dates on the VenaCure EVLT procedure kits are still valid. Laser protective eyewear must be worn by everyone in the treatment room, including the patient. Treatment of a vein located close to the skin surface may result in a skin burn.

POTENTIAL COMPLICATIONS: Adverse reactions may include, but are not limited to: vessel perforation, thrombosis, pulmonary embolism, phlebitis, hematoma, infection, paresthesia due to thermal damage of adjacent sensory nerves, skin burns, and thrombophlebitis.

Indications, contraindications, warnings and instructions for use can be found in the instructions for use supplied with each device. Observe all instructions prior to use. Failure to do so may result in patient complications.