



## VenaCure® 1470 Laser

THE POWER OF WATER

## The new VenaCure® 1470 nm laser from AngioDynamics offers physicians better patient results with all the same features and reliability that made the Delta laser such a success.

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.

The VenaCure 1470 nm laser is designed to work exclusively with AngioDynamics NeverTouch® fibers; maximizing these two technologies may result in even better patient outcomes. 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 has the best features of the Delta laser platform, including:

- 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

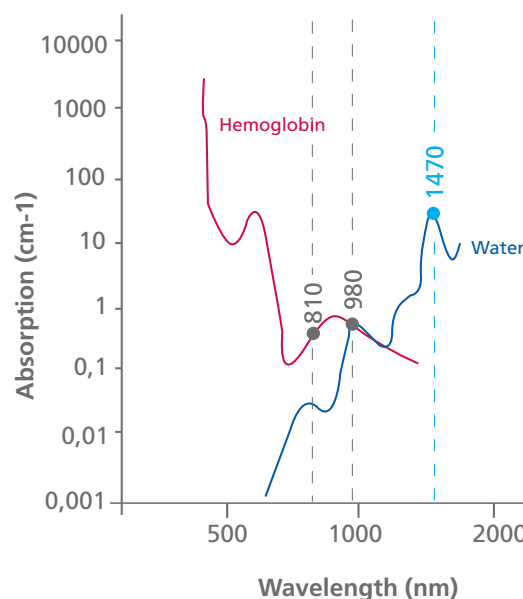
Combined with a whole new look and the innovation of the 1470 nm wavelength, the VenaCure 1470 nm laser helps physicians treat more patients with ease.

### 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' manufacturing facility. Our proven track record of reliability allows us to offer an industry-leading 3-year warranty to ensure the highest quality laser and service. Every laser endures a rigorous testing process throughout assembly and upon completion. Ablate veins with the confidence that AngioDynamics' equipment is the highest quality available on the market.



Heats the Vein Wall to Ablation Temperature Faster



## 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

Laser Type	Diode laser, CW, class IV
Centre Wavelength	1470 nm
Maximum Power	12 W to the laser output port
Aiming Beam	Red Class IIIa diode laser, $\leq 5$ mW at port, wavelength 635–655 nm
Pulse Interval	100 ms–1000 ms
Power Supply	100–240 V AC, 50–60 Hz, 500 VA max
Dimensions (H x W x D)	150 mm x 370 mm x 325 mm ( $\pm 5$ mm)
Weight	12 kg max

*"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

## DIODE LASER

Description	Part #
VenaCure® 1470 nm Laser	VCURE1470/US
MMC Card-64 MB	S10/06/0086
Interlock Connector	AS1/A3/0024
Foot Switch	AS1/A0/0002
Travel Case	Delta Case
Spare Key-VenaCure 1470nm Laser	HAR/22/0300

## ACCESSORIES

Description	Part #
USB Memory Card Reader/Writer	S10/06/0087
Warning Signs	PP/1579
Premium Laser Safety Glasses	SE/0005
Standard Laser Safety Glasses	SE/0006
Emergency Reset Device	AS/598
User Manual	MAN/31/0075US
Spare Fuses	HAR/01/0305

AngioDynamics' VenaCure EVLT® endovenous laser vein treatment offers patients a proven, minimally-invasive choice for treating the source of their varicose veins and provides them with immediate recovery and a return to normal daily routines. The VenaCure EVLT system includes 1470 nm and 810 nm lasers, a choice of procedure kits, procedure accessories, a tumescent delivery system, marketing materials and support, and more. For more information on these products, including our proprietary NeverTouch® fiber technology, please visit [www.VenaCure-EVLT.com](http://www.VenaCure-EVLT.com).

### IMPORTANT RISK INFORMATION

**INDICATION FOR USE:** The AngioDynamics, VenaCure 1470 laser is indicated for use in the treatment of varicose veins and varicosities with superficial reflux of the Greater Saphenous Vein, and in the treatment of incompetent refluxing veins in the superficial venous system in the lower limb.

**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.

## ANGIODYNAMICS®

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other U.S. patents and foreign counterparts pending.

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