



Delta 810 nm Diode Laser

THE GOLD STANDARD IN ENDOVENOUS LASER TREATMENT

The original solid-state diode laser that started the VenaCure EVLT* System is reliable and proven technology that makes treating varicose veins easier.

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

Easy

Between the Fiber Recognition System, which facilitates fewer steps enabling a shorter procedure set-up, and the MultiMedia Card, which helps manage patient data between the laser and patient files, the Delta laser helps physicians treat more patients with ease. Every component of the Delta laser is designed for high performance. Controls and interconnections are kept to a minimum and carefully placed, making the interface simple and easy to use. In addition, the Delta 810 nm laser is available in 15 or 30 watts.



Reliable

AngioDynamics is one of the few vein treatment companies to manufacture the laser and fiber components. The Delta 810 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, allowing clinicians to ablate veins with the confidence that AngioDynamics' equipment is of the highest quality.

Proven

With more than 10 years of clinical evidence, the 810 wavelength is the wavelength of choice for many clinicians and has been in use longer than any other wavelength, with the most success data. It was the first laser for endovenous ablation to receive FDA clearance, and it continues to effectively treat varicose veins associated with venous disease.

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 Patient Data Management Software and USB-MMC Card Reader/Writer enables easy data transfer to PC



SPECIFICATIONS

Laser Type	Diode laser, CW, class IV
Centre Wavelength	810 nm
Maximum Power	Delta 15-15 W Delta 30-30 W to the respective laser output port
Aiming Beam	Red Class IIIa diode laser, ≤ 5 mW at port, wavelength 635–655 nm
Pulse Interval	100 ms–1000 ms
Countdown Timer	10–3200 seconds
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 (± 5 mm)
Weight	12 kg max

Spot Handpiece (Fluence Mode)



Fluence mode treatments provide laser energy delivered transdermally from a fixed diameter spot handpiece.

2 mm or 4 mm Fixed Focus Spot Handpiece

Available with the Delta 30W, the handpiece delivers a 2 mm or 4 mm width beam of 810 nm laser energy. It incorporates a spacer to ensure that the handpiece is held at the correct distance from the treatment area and connects to the laser by a SMA-905 connector and a 1.9 m length of 600 um core fiber.

DELTA DIODE LASER

Description	Part #
Delta Surgical Laser, 15W	DELTA-15/US
Delta Surgical Laser, 30W with Radiometer	DELTA-30/US CWR
MMC Card-64 MB	S10/06/0086
Interlock Connector	AS1/A3/0024
Foot Switch	AS1/A0/0002
Travel Case	Delta Case
Spare Key-Delta Laser	HAR/22/0300

ACCESSORIES

Description	Part #
Patient Data Management Software	ANGIODYNAMICS-PDM
USB Memory Card Reader/Writer	S10/06/0087
2 MM Spot Handpiece	2mmSHP/ENG
4 MM Spot Handpiece	4mmSHP/ENG
Warning Signs	PP/1496
810 and 980 nm Laser Safety Glasses	SE/0004
Emergency Reset Device	AS/598
User Manual	MAN/26/0068US
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, marketing materials and support, and more. For more information on these products, including our proprietary NeverTouch* fiber technology, please visit www.VenaCure-EVLT.com.

IMPORTANT RISK INFORMATION

INDICATION FOR USE: AngioDynamics D15 Plus, D30 Plus, Delta-15 and Delta-30 lasers and VenaCure EVLT kits are indicated for treatment of incompetent refluxing veins in the superficial venous system.

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. It is recommended that before attempting to perform the VenaCure EVLT procedure on perforator veins that the physician has significant experience with laser ablation of larger veins such as the great or small saphenous veins or other truncal veins.

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. Tissue not targeted for treatment must be protected from injury by direct and reflected laser energy.

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.



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