

Dornier *Medilas D FlexiPulse*

 **LPS**



 **Dornier MedTech**

WE'RE ALL ABOUT PEOPLE.

Dornier

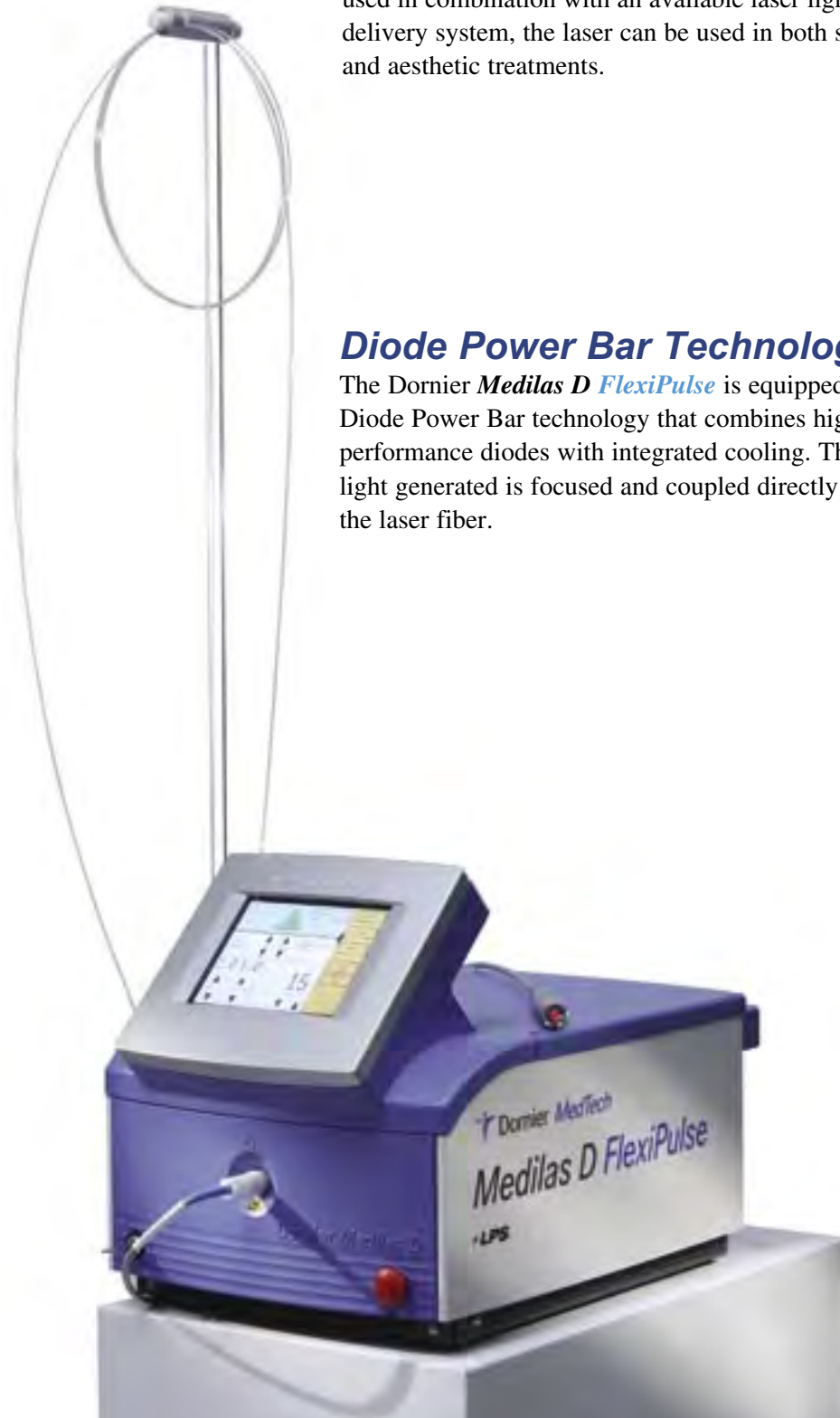
Medilas D FlexiPulse



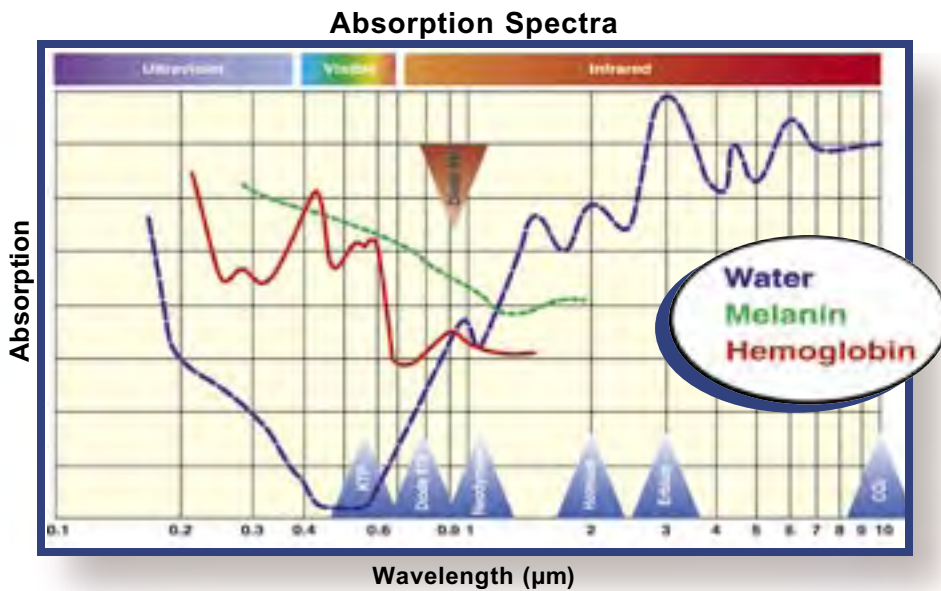
The Dornier *Medilas D FlexiPulse* is a compact, high powered diode laser capable of performing a variety of procedures. With an output power of 120 watts, the system supports both continuous or pulse mode. When used in combination with an available laser light delivery system, the laser can be used in both surgical and aesthetic treatments.

Diode Power Bar Technology

The Dornier *Medilas D FlexiPulse* is equipped with Diode Power Bar technology that combines high performance diodes with integrated cooling. The laser light generated is focused and coupled directly into the laser fiber.



940 nm Wavelength



Ideal Wavelength

The 940 nm wavelength is ideal for vessel closure and surgical procedures due to its absorption characteristics that target hemoglobin and water. Additionally, transcutaneous treatments can be performed on a wide variety of skin types due to the low melanin absorption of this unique wavelength.

Higher Hemoglobin Absorption for Better Results in Spider Veins

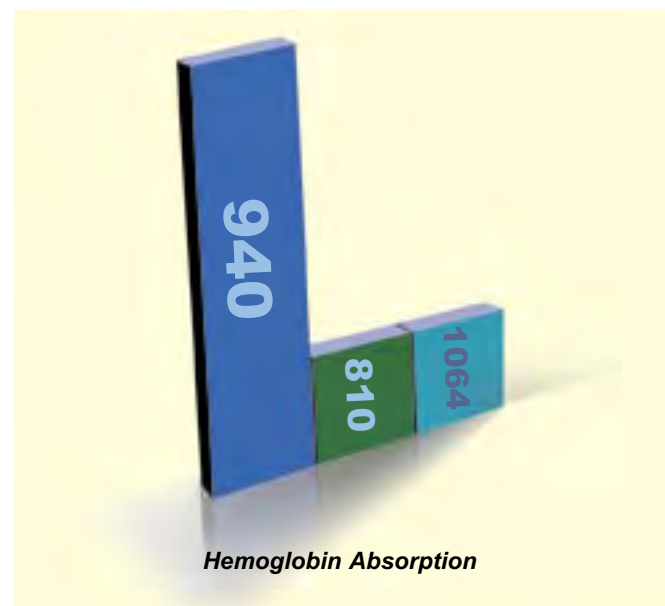
Precise Targeting of Spiders

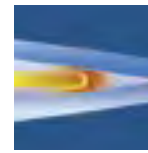
The light of a 940 nm wavelength ensures precise targeting for spider veins due to its:

- *Effective penetration depth*
- *Optimal absorption by hemoglobin*
- *Ideal absorption by water*
- *Minimal melanin absorption when compared to other lasers (3 times less than an 810 nm laser)*

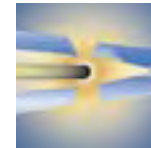
The Benefit:

- *Safer and more effective treatment*
- *Treatment of darker skin types*

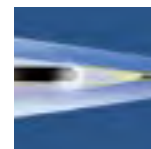
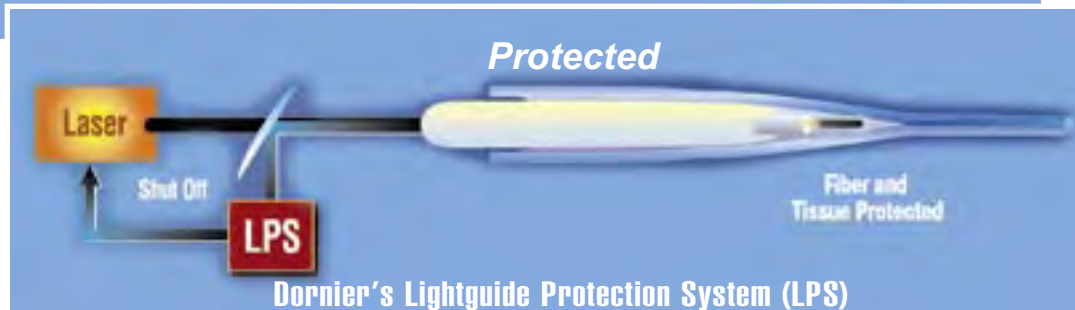




Normal Operation
A normal fiber tip achieving optimal results on vein tissue layers.



No LPS Feedback
Fiber tip starts to char, absorbing laser light and producing unwanted damaging heat.



LPS Feedback
Tip has charred, triggering feedback and the LPS shut off for protection.



Lightguide Protection System

Based upon proprietary technology, the Dornier *Medilas D FlexiPulse* comes equipped with the unique Lightguide Protection System (LPS) that detects light emissions originating from excess heat at the fiber tip. When detected, the LPS system automatically turns off the laser to prevent damage to the fiber and tissue.

Benefits of FlexiPulse

- *Treats spider veins*
- *Treats varicose veins*
- *Serves a variety of surgical applications*
- *High power*
- *Advanced safety*
- *Variety of flexible fibers*
- *Intuitive operation*



Portable, Versatile, Powerful



Easy to Use

The intuitive, high-resolution display makes set-up quick and easy. Adjustments of treatment parameters are simple with the color touch-screen. Treatment settings can be stored and quickly recalled using one of the hot-keys.

Ergonomic by Design

The Dornier *Medilas D FlexiPulse* is lightweight and easily transported using the integrated handles. The compact design of this tabletop laser allows it to be utilized in a variety of clinical and office settings.

- *Small footprint*
- *Tabletop design*
- *Lightweight – only 35 lbs*
- *Easy transportability*
- *Intuitive color touch-screen*
- *Plugs into any 110-volt outlet*
- *Backed by Dornier's worldwide service organization*



Applications

- *Vascular Lesions*
- *Vascular Surgery*
- *ENT*
- *Neurosurgery*
- *Orthopedics*
- *Gynecology*

Multifunctional

The high-powered *Medilas D FlexiPulse* is ideal for the treatment of varicose and spider veins as well as a variety of surgical applications.



Gold Standard Treatment

Endovenous laser treatment has replaced ligation and stripping as the Gold Standard of Care. The benefits of this revolutionary procedure include:

- *Office-based procedure*
- *Local anesthesia*
- *30 – 45 minute procedure*
- *Virtually no post-operative patient recovery time*
- *Minimal learning curve for the physician*
- *Cost effective*
- *Reimbursement available*
- *Increased physician revenue streams*
- *Equipment has FDA-clearance*

Treatment Flexibility

A variety of vascular lesions can be treated using the AngioSpot external handpiece including spider veins, telangiectasias and hemangiomas found on the legs, face, neck and chest.



Lightguide Versatility

There are a variety of fibers available with the ***Medilas D FlexiPulse***. These fibers can be used for cutting, coagulation, ablation and vaporization.



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