Dornier

Medilas D MultiBeam

W E ’ R E   A L L   A B O U T   P E O P L E.

Dornier MedTech

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The Dornier Medilas D MultiBeam is a compact, multi-functional diode laser capable of performing surgical, minimally invasive and transcutaneous procedures. With an output power of up to 80 watts the system supports both continuous or pulse mode for procedures involving cutting, coagulation, ablation and vaporization. The Lightguide Protection System (LPS)™ and fibertom™ model technologies of the system provide special advanced safety and control features minimizing risk to the patient and fiber.

**Absorption Spectra**

The absorption characteristics of the 940 nm wavelength is ideal for the treatment of blood vessels and perfused tissue making it perfect for application in vessel closure and surgical procedures. Additionally, the low melanin absorption allows transcutaneous treatments on a wide variety of skin types.

**Diode Power Bar Technology**

The Dornier Medilas D MultiBeam is equipped with Diode Power Bar technology which combines individual bars of high performance diodes into a single block with integrated cooling. The laser light generated is focused by micro-optics and coupled directly into the laser fiber. The benefits are higher efficiency than other technologies and long operating life.
Easy to Use
Treatment set-up is quick and easy using the intuitive, high resolution display. The color touch screen allows simple adjustments of treatment parameters and the pre-defined hot-keys provide standard parameters for a variety of surgical applications.

Ergonomic by Design
The compact, lightweight design of the Dornier Medilas D MultiBeam allows this tabletop laser to be easily transported and utilized in a variety of clinical settings.

Benefits of MultiBeam

• Higher power
• Enhanced safety features
• Multi-Purpose
• Variety of flexible fibers
• Intuitive graphical display
**Lightguide Protection System**

Based upon proprietary technology, the Dornier Medilas D MultiBeam comes equipped with a 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.

**fibertom™ Mode**

Even cutting is produced using the fibertom™ mode by ensuring the temperature of the fiber tip remains within set limits. This feature provides well controlled application of energy while reducing carbonization and preventing damage to the fiber tip.
**Multifunctional**
The *Medilas D MultiBeam* is ideal for the treatment of varicose and spider veins as well as a variety of surgical applications.

**Treatment Flexibility**
The Angiospot external handpiece allows the transcutaneous treatment of a variety of vascular lesions including spider veins, telangiectasias and hemangiomas.

**Lightguide Versatility**
There are a variety of fibers that are available with the *Medilas D MultiBeam* which can be used to perform endovenous laser treatment of varicose veins as well as a variety of surgical applications using the cutting and coagulation techniques.

**Areas of Application**
- Vascular Lesions
- Vascular Surgery
- ENT
- Urology
- Neurosurgery
- Orthopedics
- Gynecology
- Pediatric Surgery