

# MedArt VariMed™ 810nm Diode Laser System

## MedArt Solutions For:

- **Vascular Lesions:**  
Telangiectasia & Venectasia, Spider Veins, Hemangiomas, Port Wine Stains, Rosacea, Venous Lakes.
- **Transcutaneous Leg Vein Treatment**
- **Hair Removal**



MedArt VariMed System is created as laser system in combination with 3D-scanner and cooling system. The MedArt 3D scanner with the ideal weight of 290g places a series of 9 spots each 8mm diameter, within the large 5.7cm<sup>2</sup> treatment area. Controls on the scanner itself enable the scan pattern to be changed conveniently to a single 8mm spot for treating smaller areas or a line scan of 3 spots for upper lip, etc. The attached sapphire window provides pre, parallel and post treatment cooling to 0 °C. Treatment safety is guaranteed by the effective combination of super long pulse technology and contact cooling.



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## MedArt VariMed™ Specification

Laser Type:	Continuous Wave Diode Laser. Laser Class 4 (IEC 60825)
Max Fluency:	200 J/cm <sup>2</sup>
Output Power Range:	1 – 90 W
Wavelength:	810 nm
Aiming Beam:	Red Indicator light through fiber (635 nm)
Mode of Operation:	Continuous or Pulsed Operation
Frequency Range:	0.3 - 100 Hz
Pulse Width:	10 – 1000 msec
Spot Size	1.2 mm, 2.5 mm, 4 mm with Cooling Hand Piece
Fiber Connection:	MedArt Quick Safe Connect
Fiber Diameter:	1000 µm or Larger
Fiber Length:	165 cm
Pulsed Emission/Frequency Range:	Frequency Range: Min 0.3 Hz / Max 100 Hz
Hand Piece:	Straight Hand Piece or Scanner
Output Power Meter:	1 W – 150 W
Main Voltage:	100 – 240 V, 50 / 60 Hz
Safety Class:	Electrical Class I Type BF
Size:	58 x 46 x 16 cm
Weight:	18 kg
Product Code:	MedArt 435
Certifications:	CE 0459 / FDA
<b>Endovenous</b>	
Endovenous Fiber Diameter:	600 µm

MedArt A/S is a Danish company with an international profile developing, manufacturing, and selling world class medical laser for aesthetic and medical dermatology. The company was founded in 1979 and the head office, R&D, manufacturing, and marketing department are all located in Copenhagen, Denmark. We offer a broad range of medical lasers combined with the MedArt range of scanners and MedArt cooling systems for most dermatological indications.



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**MedArt FRx Intenz CO<sub>2</sub>** The ergonomic, compact and versatile CO<sub>2</sub> laser system with articulated arm combined with unique scanning technology for fractional or full ablation and surgical treatments.



**MedArt SmartSculpt™** The compact, table-top sized, safe, and accurate 980nm diode laser system for assisted lipolysis, hyperhydrosis, body contouring and sculpting.



**MedArt FRx CO<sub>2</sub> Laser** The well-proven CO<sub>2</sub> platform to offer advanced fractional treatments with the unique MedArt scanner which distributing the energy with the adjusted pulse width and spot density. The scanner is connected to the laser by a unique flexible optical fiber.



**MedArt ILVO™ 1470nm Diode Laser** The compact and advanced 1470nm Diode Laser system to maximize the comfort, safe, fast and effectiveness of the varicose vein treatments. MedArt ILVO can also be supplied in 980nm wavelength in request of the clinics.