



Type No:	VariMed 810
Laser Type:	Continuous wave diode laser Laser Class 4 (IEC 825)
Max output power:	90W
Wavelength:	810nm
Target indicator:	Red indicator light through fibre (635nm)
Fibre connection:	MedArt Quick Safe Connect
Fibre diameter:	1000 µm or larger
Pulsed Emission:	
- Frequency range:	Min. 0.3 Hz/Max 100Hz
- pulse width:	10 - 1000 millisec.
Fluence:	Max. 200 J/cm <sup>2</sup>
Output power meter:	1W to 150W
Power Supply:	Mains connection (100 - 120V or 200 - 240V, 50/60 Hz)
Size:	51.5 x 30.0 x 15.0 cm
Weight:	Approx. 13kg
Safety class:	I type BF
Cooling system temperature range:	0-20° C / (32-68°F)



- Hair Removal
- Vascular Lesion Treatment

The Energist Group product range offers the ultimate solution in laser and light-based treatments, offering you the opportunity to expand your treatment options and grow your business.

Energist Group provides a comprehensive range of products for your office together with excellent local support. A partnership with Energist will enable you to offer your patients the high quality treatments and excellent results they desire.

For further information on our full product range, visit the Energist Group website.

**ENERGIST \* GROUP**  
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- MULTI-APPLICATION WORKSTATION
- SUPERIOR LONG TERM RESULTS
- SAFE - SUPER LONG PULSE WITH COOLING
- COMFORTABLE TREATMENT OF LARGE VESSELS
- SATISFIED PATIENTS WORLDWIDE
- NO CONSUMABLES



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*Excellence in lasers since 1984*

# Setting New Standards

## for permanent hair reduction

### Fast

- Full back in under 25 minutes
- High patient throughput

### Safe

- Super long pulse
- Contact cooling

### Versatile

- Portable unit
- Variable spot size

### Profitable

- Fast, safe and versatile system
- Low running costs

The VariMed system, from Energist Group, leads the way in performing safe and efficient hair removal on all skin types. In combination with the industry-leading MedArt® 3D-scanner, VariMed offers effective and fast treatments for all body areas.

### Industry leading scanner

The scanner places a series of 9 spots of 8mm diameter, within the large 5.7cm<sup>2</sup> treatment area. The precise spot overlap ensures even energy distribution. Controls on the scanner itself enable the scan pattern to be changed conveniently to a single line or single 8mm spot for treating smaller areas.

### Safe treatment

Treatment safety is enhanced by the combination of super long pulse technology and contact cooling. The super long pulse enables safe treatment of darker skin types, and the pre, parallel and post treatment contact cooling increases patient comfort and minimizes the risk of unwanted side effects.

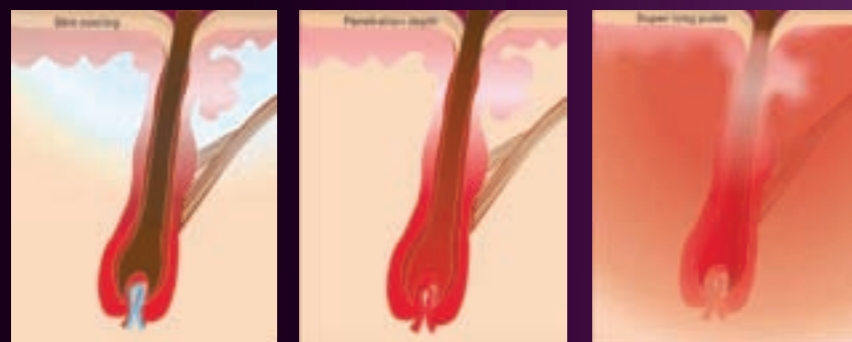
### Compact, easy to use and cost-efficient

Weighing just 13kg, the VariMed system is compact and portable. The intuitive user-friendly interface is easy to navigate and running costs are minimized as it requires no consumables.

- Safe - Super long pulse with contact cooling window
- Versatile - treat all skin types
- Fast - treat a man's full back in 25 minutes
- Full legs in less than 45 minutes
- Stable - impressive long-term results
- Silent - the quietest laser you'll ever use
- Low running costs - no consumables are required



### Three Essentials for Permanent Hair Removal



The MedArt® scanner weighing just 290g is easy to operate.  
The attached sapphire window provides pre, parallel and post treatment cooling.

# Transcutaneous treatment

## of superficial vascular lesions

The VariMed laser system is optimised for successful treatment of vascular lesions in all body areas.

- Telangiectasia
- Spider naevi
- Campbell de Morgan spots
- Haemangioma
- Reticular veins
- Venous lakes
- Port Wine Stains
- Rosacea

Operating at 810nm enables high absorption in oxyhaemoglobin combined with sufficient penetration depth to target larger, deeper vessels. Vessels of up to 4mm in diameter are successfully treated.

Often only a single treatment is required to close veins or clear the lesion. During treatment the smallest veins immediately contract and disappear, whereas larger vessels coagulate and are absorbed in due course.

### Integrated Contact Cooling System

The focused handpiece with sapphire glass cooling window enables more comfortable treatment of larger vessels. The cooling system gives superior contact cooling down to 0°C, providing excellent skin protection during treatment, especially for darker skin types, thus reducing the risk of side effects.

“ Compared to other lasers on the market this 810 nm diode laser can be adapted to precisely target lesions at different depths within the skin. The wavelength and the flexibility to adjust settings make this equipment a very efficient tool in the everyday work in my clinic for aesthetic and laser medicine. The controls of this laser are easily learned by new users to perform different treatment indications. The cooling unit is an efficient tool to minimize thermal irritation in superficial layers and the tissue surrounding larger targets. The reliability of the equipment is very good. In the years of using this laser equipment I developed various new treatment possibilities. ”

**Johannes Lang, M.D.,**  
Erlangen, Germany.  
President of European Laser-Aesthetic Surgery e.V



### Vascular Lesion treatment



Before

After

Vascular 1.2mm, 2.5mm, 4.0mm spot size handpiece accessories.