

PRODUCTS

# REDEFINING EXPECTATIONS WITH CRYOMED'S V-LASER

A NEW GENERATION OF LONG PULSED LASER TECHNOLOGY IS GENERATING IMPRESSIVE RESULTS FOR VASCULAR LESIONS, DYSCROMIA, PIGMENTATION AND SKIN REJUVENATION.

‘THE V-LASER IS ENGINEERED FROM THE HIGHEST QUALITY COMPONENTS TO ENSURE DURABILITY, OPERATING EFFICIENCY AND A HIGH RETURN ON INVESTMENT.’

**F**eaturing sapphire cooling, a 45 second start up and wide ranging spot sizes, the V-Laser by Cryomed offers versatility and precision right when it's needed most.

This device has been developed with adaptability in mind. It can be used on men and women of all skin types and ages and treats a range of complexion issues, including scarring, pore reduction, uneven skin tone and texture, vascular lesions, skin rejuvenation, brightening, dyschromia and pigmentation.

This long pulsed Nd:YAG laser uses a dual wavelength to support dermal and epidermal lesion treatment and includes a V-Toning option (Genesis mode) to facilitate more general skin rejuvenation. Because each type of vascular lesion requires specific treatment parameters,

the V-Laser provides fluence, pulse width and spot size options, enabling it to treat the widest variety of vascular indications.

Its sapphire chill tip supports cooling at each stage of treatment, allowing the patient to tolerate higher energy levels with a greater sense of comfort. This four step contact cooling system can be adjusted to 1–10°C, 10–15°C and 15–20°C, or turned off completely when required. No additional consumable parts are needed for the cooling system, making it a more cost effective addition to new and existing aesthetic medical practices.

## MULTIPLE MODES

The V-Laser allows for the customisation of treatments through its three modes: 532nm KTP mode, 1064nm Nd:YAG mode and Genesis mode. The high absorption rates of both haemoglobin and melanin mean the V-Laser's 532nm wavelength can reach the superficial dermis for facial vessel treatment and skin pigmentation removal, while the 1064nm setting targets the blue vessels which reside in the skin's deeper layer.

The 532nm KTP mode works with a fluence rate of 1.4–60J/cm<sup>2</sup> and pulse of 1.5–40ms. It has a five times greater affinity for oxyhaemoglobin than 595nm and produces significantly improved results. This mode facilitates more selective treatments and provides greater patient comfort. It is highly effective for diffusing redness, cherry angiomas, telangiectasia, poikiloderma and port wine stains.

The 1064nm Nd:YAG mode uses 1.3–300J/cm<sup>2</sup> fluence and 5–60ms pulse. It is recommended for the treatment of deeper or thicker vascular lesions like leg veins,

venous lakes and periorbital veins.

Genesis mode has a fluence rate of 0.9–127J/cm<sup>2</sup> and a 0.3ms pulse. It is capable of targeting micro-vascularity with microsecond high peak power pulse and reduces erythema while stimulating collagen remodelling. Genesis mode is a particularly effective treatment for diffuse redness, rosacea and scars.

When it comes to spot size, this device has eight different options of two, three, four, five, six, eight, 10 and 12mm. The large 12mm spot size beam brightens, rejuvenates and improves mixed component dyschromia.

## IN CLINIC

The V-Laser is engineered from the highest quality components to ensure durability, operating efficiency and a high return on investment. Its fast acting 45 second start up time means each client appointment can be used to its full potential, resulting in more satisfied patients and enhanced utilisation of the practitioner's time. The V-Laser includes a light, user friendly handpiece and a variety of attachable cartridges.

The V-Laser offers more capability and treatment efficacy than existing pulsed dye laser, Nd:YAG/KTP laser and IPL devices for the treatment of vascular and pigmented lesions. With its true long pulsed technology maintaining the stable delivery of energy and its dual wavelength adjusting to suit to the target indication, the V-Laser can provide a comfortable and effective treatment for vascular lesions, dyschromia, pigmentation and skin rejuvenation. **AMP**

For enquiries, call 1300 346 448 or visit [www.cryomed.com.au](http://www.cryomed.com.au)

## V-LASER AT A GLANCE

### THE DEVICE

- Long Pulsed Nd:YAG Laser 1064nm and 532nm
- Spot size: 2–12mm
- Start up time: 45 seconds
- Genesis mode
- Sapphire cooling
- Light, user friendly handpiece
- Attachable cartridges.

### SUITABLE FOR

- Poikiloderma
- Facial and nasal telangiectasia
- Rosacea and diffuse redness
- Cherry and spider angiomas
- Port wine spots
- Spider veins
- Reticular veins
- Wrinkles
- Leg veins
- Telangectatic matting
- Photo-rejuvenation
- Benign pigmented lesions
- Post-procedural bruising
- Inflammatory acne vulgaris
- Vascular lesions
- Hair removal
- All skin types.