

# V·Laser

Long-Pulsed 532nm KTP  
& 1064nm Nd:YAG

For Vascular Lesions,  
Benign Pigmentations,  
& Skin Rejuvenation





# V-LASER

## W Various Applications and Outstanding Efficacy

The V-laser is the long-pulsed 532nm KTP & 1064nm Nd:YAG laser system, perfect for the treatment of a broad range of vascular and benign pigmented lesions in the epidermis and dermis. The laser uses higher power and stable energy for safe and effective treatments.

Long-pulsed 532nm KTP delivers a photothermal effect on vascular lesions with clinical efficacy and a lower incidence rate of purpura, caused by the photoacoustic effect.

Bulk heating, using a 300 microsecond 1064nm, stimulates neocollagenesis for skin rejuvenation and revitalization.

The V-laser can treat a variety of skin lesions at a single session so both patient and user are satisfied with the optimal treatments and clinical results.



## W Acne Redness & Diffuse Redness by 532nm KTP



| Before |



| After |

## Long-Pulsed 532nm KTP & 1064nm Nd:YAG



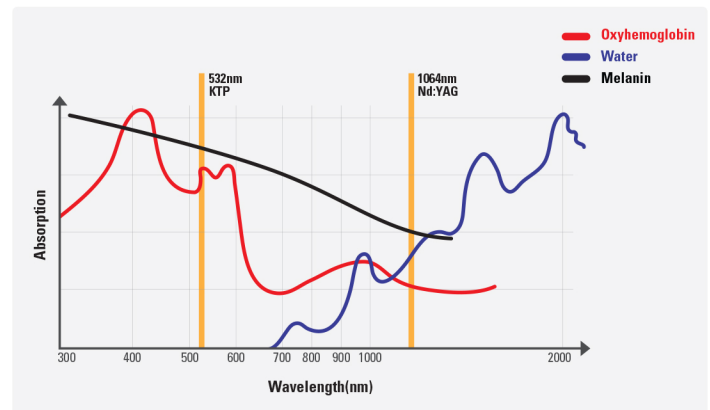
### W V • Laser Handpiece

#### Long-Pulsed 532nm KTP

Its higher absorption coefficient and lower penetration depth (epidermis) in both oxy-hemoglobin and melanin allows for the effective treatment of epidermal vascular or pigmented lesions such as rosacea, port wine stains, or lentigines.

#### Long-Pulsed 1064nm Nd:YAG

Its relatively lower absorption coefficient and deeper penetration depth (dermis) in both hemoglobin and melanin makes it perfect for the treatment of use for leg veins, or pigmented lesions.



#### Genesis

Using 300 microseconds of 1064nm, bulk heating is delivered to the dermis to stimulate fibroblasts and neocollagenesis, resulting in skin rejuvenation and revitalization. It is indicated for improvements in uneven skin tone, dull skin texture, large pores, fine wrinkles, redness, and scars.

### W Flexibility

#### Pulse Duration

Up to 40ms @ 532nm  
Up to 60ms @ 1064nm

#### Spot Sizes

Smaller Lesions: 2, 3, 4, 5mm  
Larger Lesions or Bulk Heating: 6, 8, 10, 12mm

#### Contact Cooling Temperature

4 Levels: 5, 10, 15, 20°C

### W Safe and Effective Treatment

- High Power & Stable Energy
- Excellent Visibility Through a Sapphire Window
- Variable Adjustments for Fluence, Pulse Duration, Spot Size, and Cooling Temperature



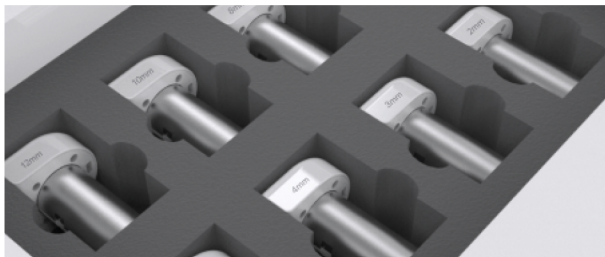
## A Single Session with the V-laser Effectively Treats 3 Different Types of Skin Lesions



## W Flexible and Optimal Treatments for Vascular & Benign Pigmented Lesions

### Convenient Handpiece

- No consumables for the contact cooling system
- 4-step adjustable contact cooling temperature
- Light and convenient handling
- No need to change the handpiece to use three different modes (532nm, 1064nm & Genesis)
- Excellent visibility through a sapphire window
- Various spot sizes up to 12mm



## W Indications

### Vascular Lesions

Telangiectasia, Port Wine Stain, Rosacea, Spider Vein, Dark Circle, Diffuse Redness, Cherry Angioma, Warts

### Benign Pigmented Lesions

Lentigines, Dyschormia, Freckles, Melasma, PIH, Poikoloderma

### Skin Rejuvenation

Collagen Remodeling, Uneven Skin Tone, Dull Skin Texture, Large Pores



## System Benefits

- A wide range of pulse durations up to 40ms @ 532nm and 60ms @ 1064nm
- Various spot sizes available, from 2mm to 12mm
- Adjustable contact cooling system: 5, 10, 15, 20°C

## W Before & After

### Telangiectasia



| Before |



| After |

After 1 Treatment

532nm, 10mm, 10ms, 6J/cm<sup>2</sup>, 2Hz



| Before |



| After |

After 1 Treatment

532nm, 10mm, 10ms, 6J/cm<sup>2</sup>, 2Hz

### Acne Redness



| Before |



| After |

After 1 Treatment

532nm, 5mm, 5ms, 5J/cm<sup>2</sup>, 1Hz

### Cherry Angioma



| Before |



| After |

After 1 Treatment

532nm HEXA, 3mm, 3ms, 10J/cm<sup>2</sup>, 1Hz

# V·LASER

Long-Pulsed 532nm KTP  
& 1064nm Nd:YAG

	532nm	1064nm	Genesis
Max. Energy	10J	50J	4J
Pulse Duration	1-40ms	5-60ms	0.3ms
Repetition	Up to 3Hz	Up to 5Hz	Up to 10Hz
Spot Size	2, 3, 4, 5, 6, 8, 10, 12mm		
Cooling System	Sapphire Window Contact Cooling		None



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