

The PASCAL® Synthesis™ TwinStar™

in Yellow 577 and Red 638nm wavelengths.



The new PASCAL Synthesis TwinStar lets you choose between a yellow 577nm wavelength or a red 638nm wavelength to cover a broad spectrum of retinal conditions.

The TwinStar builds on PASCAL's trusted technology helping ophthalmologists treat patients faster, more effectively and with greater comfort. With Endpoint Management™ technology they can also offer sub-threshold laser treatment.¹

Visit pascalvision.com for more information.

1. Available with 577nm only.

The PASCAL® Synthesis™ TwinStar™

Features

The PASCAL Synthesis TwinStar Ophthalmic Scanning Laser System is a laser system console with an integrated slit lamp. The system connects to the slit lamp to enable laser energy to be delivered through the slit lamp illumination path. The system may be used for standard single shot photocoagulation and laser scanning patterns.

The PASCAL Synthesis TwinStar Ophthalmic Scanning Laser System enables the physician to deliver multiple laser spots with a single footswitch depression by automating the emission of laser light. The aiming beam displays the pattern, allowing the physician to place it in the appropriate location.

System Specifications

Treatment Beam	
Type	577 nm: OPSL 638 nm: Laser Diode
Wavelength (nm)	577 & 638
Power output (mW)	577 nm: 0 - 2000 638 nm: 0 - 600
Duty cycle	100%
Pulse durations (ms)	10-1000
Pulse interval	1, 1.5, 2, 3, 4, 5, 6, 7 and 8 Hz (single spot)
Pulse counter	0 - 99,999
Laser beam diameter	577 nm: 50, 100, 200, 400 µm (in air) 638 nm: 60, 200 µm (in air)
CDRH classification	Class IV
European MDD laser classification	Class 4
Aiming Beam	
Type	Laser Diode
Wavelength (nm)	670
Power output	<1 mW
CDRH classification	Class II
European MDD laser classification	Class 2