fenix 532-S
Green Laser ***Single***



LASER SOURCE SPECIFICATIONS	
Laser type	Diode Pumped Thin Disk Laser
Wavelenght	532nm
Laser output	3W (Software limited 1.5W for safety requirements)
Power stability (rms)	<3 %
Operation modes	CW, Pulsed
Duration	10ms to 3000ms
Interval – pulse time	10ms to 3000ms
Power increments	10mW
Aiming beam	640nm visible low power laser (≤3mW)
Aiming beam increment	%2-100
Laser cooling	Air-TEC cooling system with silent fan
Fiber connector	Special Fenix endolaser probe connection
Fiber eccentricity	≤ 10µ
Numerical aperture	≥0,11
Input power	100-240 Volt AC 50/60Hz T 2.0 A fused
Dimensions	278mm x 217mm x 106mm (wxhxd)
Weight	3.7 kg
Storage conditions	Temperature: -20°C+70°C Relative humidity: 0...90% no condansation
Operation conditions	Temperature: +5°C+40°C Relative humidity: <90% no condansation
Laser Class	4

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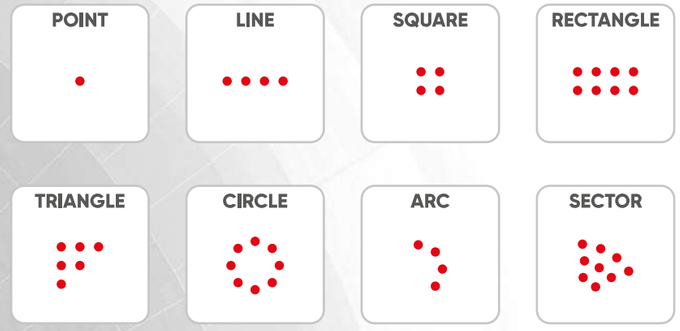
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omesis®



fenix 532-P
Green Laser ***Pattern***

PATTERN SELECTION



SLIT LAMP DELIVERY UNIT SPECIFICATIONS

Slit projections	1.16X
Slit width (setting continuous)	0-14mm
Slit lenght (setting continuous)	1.8-13mm
Slit lenght (max)	14mm
Aper tures	14, 9, 5.5, 0.3 mm
Filters	Blue, Red, Green (Ref free)
Light diffuser	Light Diffuser
Background light	Only with digital vision HR
Slit rotation	±90° continuous, on the TABO system
Slit angle	0° horizontal
Rotation interval of the slit projection	±90°, angular scale, referance on 0°
Working distance	68mm
Voltage	15V DC 1A
Light source	White LED
Brightness	248000 LUX continuous adjustment
Microscope	5X
Microscope type	Galileian convergent with magnification change system
Microscope eyepiece convergence angle	6°
Microscope eyepiece	12,5X
Microscope eyepiece adjustment	±8 D.
Microscope magnifications	6X, 10X, 16X, 25X, 40X
Microscope corresponding real magnifications	5,6X, 8,5X, 14,8X, 25,6X 39,3X
Microscope field of view	41mm to 5,7mm
Microscope interpupillary distance	50mm to 80mm
Microscope barrier Filter	Yellow
Spot shapes	Many different size and angle scanning shapes: Single Spot, Line Scanning, Square Scanning, Quarter Circle Scanning, Rectangle Scanning, Full Circle Scanning, Triangle Scanning, Arc Scanning
Spot size options	00 µ, 150 µ, 200 µ, 300 µ, 400 µ, 500 µ
Spot spacing	x0.5, x1.0, x1.5, x2.0, x2.5, x3.0
Shoot counter	Total laser shoot counter
Dimensions (HxWxD)	440x313x335mm
Weight	7kg

fenix 532-P
Green Laser ***Pattern***



WIRELESS SCREEN

Easy and comfortable use

CONTINUOUS MODE

Interval time setting comfort and safe pattern

SEMI-PATTERN MODE

Parameter control freedom and comfort for user

MARKER MODE

Marks the last laser shoots for a safer treatment

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Power stability (rms)	<3 %
Operation modes	CW, Pulsed
Duration	10ms to 3000ms / Pattern 10ms to 50ms / SemiPattern 10ms 3000ms
Interval – pulse time	10ms to 3000ms / Pattern 500ms to 3000ms / SemiPattern 10ms to 3000ms
Power increments	10mW
Aiming beam	640nm visible low power laser (≤3mW)
Aiming beam	%2-100
increment Laser	Air-TEC cooling system with silent fan
cooling	Special Fenix endolaser probe connection
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