

SkyPulse®

A new generation of compact
Fotona lasers

A compact, easy
to use Er:YAG Laser
tailored for Your
practice!



Fotona
choose perfection

SkyPulse®

An Er:YAG (2940 nm) tailored for your practice

SkyPulse Er:YAG laser treatments:

- SSP and SWEEPS Endodontics
- Periodontics
- Peri-implantitis
- Caries removal
- Desensitization
- Ceramic debonding

SSP and SWEEPS endodontics

The SSP single-pulse mode represents Fotona's proven Photon-Induced Photoacoustic Streaming Modality¹ for effective irrigation of entire root canal geometry. Additionally the revolutionary SWEEPS (shock wave enhanced emission photoacoustic streaming) technology enables enhanced non-thermal photoacoustic shock waves generation resulting in improved cleaning and debridement of endodontic system.



Compact and Portable

SkyPulse is the smallest and lightest Er:YAG laser that easily fits into any dental office.

¹Olivi G., DiVito E., Peters O., Kaitsas V., Angiero F., Signore A., Benedicenti S. (2014) Disinfection efficacy of Photon-Induced Photo-acoustic Streaming on root canals infected with *Enterococcus faecalis*: As ex vivo study. JADA 2014; 145(8):843-848

Modern, easy to use graphical user interface

Er:YAG laser handpiece

Feather-light and flexible delivery

Wireless footswitch





Optional diode laser handpiece

Optional attachable diode laser modules

Optional SkyPulse trolley

Versatile

Wide range of easily changeable handpieces for multi-functionality and optimal effectiveness.



H02



H14



H14 NS



H14-E



R21-C2



R21-C3



Genova HP



R24



R17

Easy to Learn and Use

With the latest technology graphical user interface, the dentist can select preset options with a simple touch or adjust the treatment parameters with a simple swipe.

Feather-light and Flexible

The SkyPulse's unique articulated 'fiber' delivery makes the handling of the 360° swivel handpiece extremely flexible and virtually without resistance, eliminating fatigue and enabling easy access to any treatment site.



Upgradable

SkyPulse's unique design allows additional high performance diode modules accessories for the broadest range of diode laser wavelengths and soft tissue treatment options.

Diode laser treatment options:

- Soft tissue modifications
- Oral lesions, herpes, aphthae
- Biomodulation
- Photodynamic therapy
- Intraoral photocoagulation
- Hemostasis

SkyPulse®

A Compact,
Easy to Use Er:YAG
Laser Tailored for
Your Practice

Laser module	SkyPulse		
		SkyPulse Endo	SkyPulse Versa
XS Endo XS Versa	Wavelength	Er:YAG (2940 nm)	
	Power	1.5 W	4,2 W
	Energy	100 mJ	300mJ
	Repetition	2 - 40 Hz	2 - 40 Hz
	Modes	SWEEPS, SSP, MSP, SP, LP, VLP	SWEEPS, SSP, MSP, SP, LP, VLP
	Spray	No	Yes

High Performance
Diode Laser
Accessories

XD 1064	Wavelength	1064 nm
	Power	up to 32 W
XD 808	Wavelength	808 nm
	Power	Up to 19 W
XD 980	Wavelength	980 nm
	Power	Up to 40 W
XD 1470	Wavelength	1470 nm
	Power	Up to 13 W
XD 1064/1940	Wavelength	1064 nm/1940 nm
	Power	Up to 8 W/3 W
XD 670/1064	Wavelength	670 nm/1064 nm
	Power	Up to 2 W/9 W
XD 1940	Wavelength	1940 nm
	Power	Up to 4 W

Fotona
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Committed to Engineering

The Highest Performance, Best Made Laser Systems in the World

For related patents see: www.fotona.com/patents