

the new elexxion claros[®] pico 3.0

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the most compact dental laser ready for future

the new elexxion claros[®] pico 3.0 – for beginners

mobility and performance combined

Technical parameters

Mains	100-240 VAC 50/60 Hz; max 150 VA; Internal battery 3.7 V
Size	155 mm x 96 mm x 36 mm(L*W*H)
Weight	1.5 kg
Wavelength	808 nm ± 10 nm
Peak power output	Max. 5 W
Pulse frequency	Max. 20.000 Hz
Pulse duration	Min. 26 µs
Aiming beam	630-660 nm, ≤ 2 mW
Laser class	IV

Easy-Use-Technology:

18 programs for your success

Endodontology

- Root canal bacterial reduction
- Pulp capping

Periodontology

- Periodontitis therapy
- Periodontal pocket bacterial reduction
- Decontamination membranes

Surgery

- Surgery, general
- Advanced surgery
- Fibroma
- Cavity decontamination

Aesthetics

- Gum depigmentation
- Bleaching
- Retraction of gingiva
- Lip depigmentation

LLLT

- Biostimulation
- Hypersensitive teeth

Implantology

- Exposing dental implants
- Periimplantitis supporting therapy
- Decontaminate dental implants



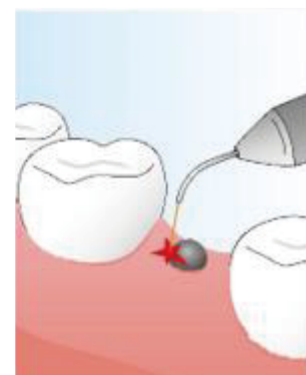
Parodontology



Surgery



LLLT
(Low-level-laser-therapy)



Implantology



Endodonty



Laser-Bleaching

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Diode	5	20.000	808
	Watt Max. application power	Hz Pulsrate	nm Diode

DPL
TECHNOLOGY INSIDE

elexxion
dental laser

the new elexxion claros[®] pico 3.0 mobility and professionalism united

the new elexxion claros[®] pico 3.0



DPL*-Technology makes the elexxion lasers unique

Advantage: mobility

With the new elexxion **pico 3.0** dentist can work completely independent of the mains, as it is mobile and can be used in any treatment room.

elexxion fiber tips: comfort for all applications

The fiber tips developed by us on the basis of over 20 years of experience enable quick and easy use without time-consuming preparations. For this purpose, disposable fiber tips are available in **4 different sizes** covering all application spectra.

elexxion touchpad 2.0: user optimized

The large **touchpad 2.0** allows you to select your desired treatment program quickly, easily and conveniently.

DPL-Technology: patented and unique

The extremely short pulse duration of **10 μs*** prevents unwanted thermal damage to the tissue. The high pulse power of **5 watts** enables the laser to be used for most treatments and the development of new therapies such as e.g. contactless depigmentation.

*10μs=0.00001 second



Easy-Use-Technology: ready to go

Simply select and start: Together with dentists from around the world, we have pre-programmed **18 applications** that covers most of the spectrum of dental laser therapy.

In addition, up to **8** further individually adjustable applications can be created by the dentist - ensuring maximum variety and freedom. The perfect combination of simplicity and individuality.

Laser and Patient: a story of success

Many dedicated dentists have recognized the signs of the times and are using our high-quality laser technology "Made in Germany"-patients appreciate it. This is because compared to conventional therapy, laser treatment is faster, less painful, more effective and takes place without or minimum bleeding. This powerful laser has been reduced to the essentials. It combines the most compact design with the performance required for all therapy methods. With 5 watts of power and our proprietary and patented DPL technology, our elexxion **pico 3.0** is the entry-level laser for your future. The wavelength of 808 nm has proven its capability in many clinical studies.

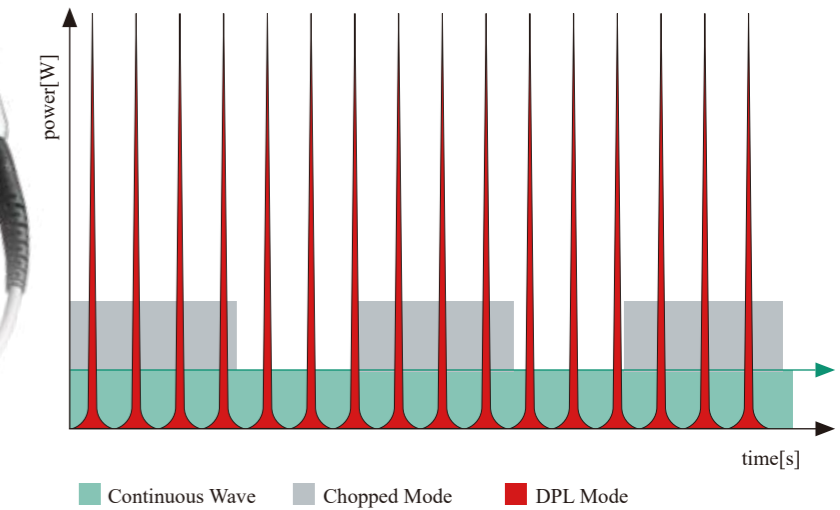
For larger surgery we recommend our elexxion **nano 2.0** and elexxion **claros 2.0**

High pulse power High frequency Short pulse duration

The parameters of peak power, frequency and pulse duration can be modified individually.

- high efficiency
- low-bleeding
- little to no pain
- fast, clearly laid-out work
- safety with the applications
- no carbonation

DP = digital pulsed, diode pumped, duration power



Decontamination of root canals and dentin tubules



Pocket bacterial reduction



During surgery



Immediately after surgery

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