

the new elexxion **claros® nano 2.0**

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Technical parameters

elexxion **claros® nano 2.0**

the all-rounder ready for future

the new elexxion claros® nano 2.0 – up to any challenge
the practical dental laser of the compact class *now even more intuitive*



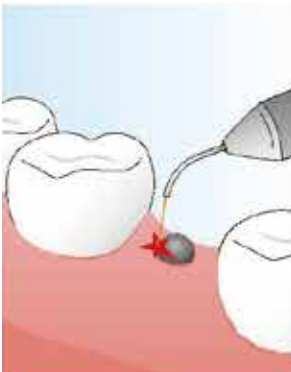
Parodontology



Surgery



LLLT
(Low-level-laser-therapy)



Implantology



Endodontology



Laser-Bleaching

Easy-Use-Technology:

40 programs for your success

- Endodontology
- Root canal bacterial reduction
 - Pulp capping

- Periodontology
- Periodontitis therapy
 - Periodontal pocket bacterial reduction
 - Decontamination membranes

- Surgery
- Surgery, general
 - Gingivectomy
 - Frenectomy
 - Expose impacted teeth
 - Sample biopsies
 - Flap surgery
 - Gingivectomy before dental prosthesis
 - Puncture abscesses
 - Hemostasis
 - Curettage
 - Fibroma
 - Haemangioma
 - Cavity decontamination
 - Edentulous ridge recontouring
 - Sulcus preparations
 - Vestibuloplasty

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

- LLLT
- Pain therapy
 - Aphtha
 - Hypersensitive teeth
 - Wound healing
 - TMJ complaints
 - Gingivitis
 - Herpes labialis
 - Lockjaw
 - Edema
 - Periodontitis supporting therapy
 - Acid trauma
 - Suppress gagging

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

Mains	220 VAC, 50 Hz, max 200 VA
Size	240 mm x 191 mm x 224 mm (L x W x H)
Weight	3.7 kg
Wavelength	808 nm ± 10 nm
Peak power output	Max. 15 W
Pulse frequency	Max. 20000 Hz
Pulse duration	Min. 10 µs
Aiming beam	630-660 nm , ≤ 2 mW
Laser class	IV

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Diode	15 Watt Max. application power	20.000 Hz Pulsrate	808 nm Diode
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DPL
TECHNOLOGY INSIDE

elexxion
dental laser

developed together with dentists worldwide: the new elexxion claros® nano 2.0

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.

Because compared to conventional therapy, laser treatment is faster, less painful, more effective and takes place without or minimum bleeding.

With 15 watts of power and the **DPL technology** developed and patented by us, our elexxion **nano 2.0** is the all-rounder for your everyday practice.

The wavelength of 808 nm has proven its performance in many clinical studies.

Easy-Use-Technology: ready to go

Simply select and start: Together with dentists from around the world, we have pre-programmed **40 applications** that cover the entire 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.

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.



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High output power: fast working

The pulse power of **15 watts** provides effective results in the individual surgical applications and at the same time ensures low-pain and accelerated healing.

Due to the combination of high output power and extremely short pulses, enormous cutting speed and precision are achieved.

elexxion Touchpad 2.0: user optimized

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

Medical footswitch: innovative

To ensure mobility and the range of applications at all times, the **new nano 2.0** has an optional wireless footswitch. This allows the user maximum comfort for all treatments.

DPL-Technology: patented and unique

The extremely short pulse duration of **10 µs*** prevents undesirable unwanted thermal damage to the tissue. The high pulse power of **15 watts** enables an high cutting speed and the development of new therapies such as e.g. contactless depigmentation.

*10µs= 0.00001 second



DPL*-Technology makes the elexxion lasers unique

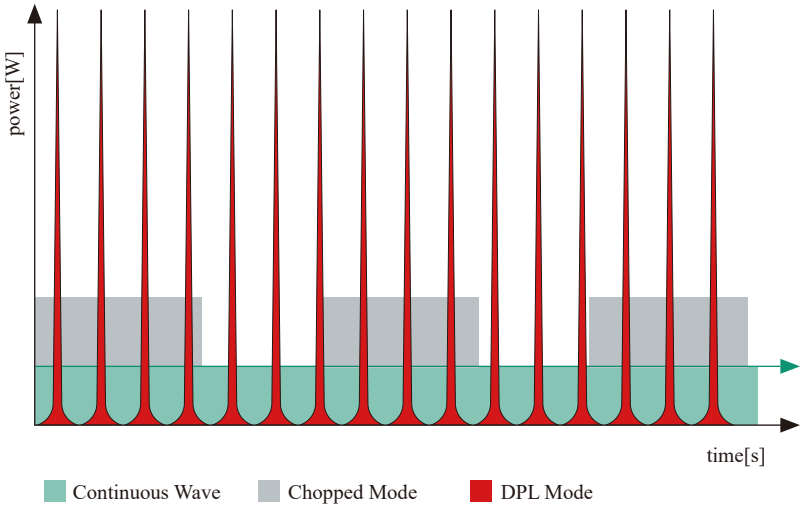


High pulse power High frequency Short pulse duration

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



Removal of the fibroma:

