

Individually adaptable to any clinic

the new elexxion claros® 2.0 in different colors



Easy-Use-Technology – 41 programs for your success

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

Implantology

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

Periodontology

- Periodontitis therapy
- Periodontal pocket bacterial reduction
- Decontamination membranes

LLLT

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

Endodontology

- Root canal bacterial reduction
- Pulp capping

Aesthetics

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

Snoring

- SNORE 3

the new elexxion claros® 2.0

Technical parameters

Mains	220-240 VAC, 50/60 Hz, max 1.5 A
Size	500 mm x 430 mm x 905 mm (L x W x H)
Weight	35 kg
Wavelength	808 nm ± 10 nm
Peak power output	Max. 50 W
Pulse frequency	Max. 20000 Hz
Pulse duration	Min. 10 µs
Aiming beam	630-660 nm, ≤ 2 mW
Laserklasse	IV

elexxion claros® 2.0

the most powerful dental laser ready for future

the new elexxion claros® 2.0 – designed for peak performance

Proven in tough everyday practice. Further developed based on the future with new innovative interface and maximum individuality.



Diode	50 Watt Max. application power	20.000 Hz Pulsrate	808 nm Diode
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With 50 watts of power the benchmark for over 20 Years

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developed for daily use with **the highest demands**  
**the new elexxion claros® 2.0 – for professionals**

Perfectly balanced therapy diversity meets peak performance  
**the new elexxion claros® 2.0**

With 50 watts of power and variable pulsing up to 20,000 Hz, our diode laser is still unbeaten and the most powerful of its kind. The wavelength of 808 nm has been proven its capability in many clinical studies. Thanks to the DPL technology developed and patented by elexxion, you have the **incredible power of the new claros® 2.0** under control at all times and work with low penetration depth in a way that is absolutely gentle on the tissue.

- **precise, fast surgery**
- **painless and with little bleeding**
- **periimplantitis**
- **parodontitis**
- **depigmentation of the gum**
- **biomodulation (LLLT)**
- **bleaching**
- **endodontology**

**Individual Design:**  
mobile use at any time

The mobile design paired with the spacious instrument tray, wireless footswitch and roomy storage box makes our laser device flexible, practical and easy to use. **In addition, there are various colors to choose from**, giving the user even more individuality.

**elexxion Touchpad 2.0:**  
user optimized

The large touchpad 2.0 allows you to select your desired treatment program quickly, easily and conveniently at the touch of a finger.

**Wireless footswitch:** innovative

To ensure mobility and the range of applications at all times, **the new claros 2.0 has a wireless footswitch**. This allows the user maximum comfort during all treatments.

**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 50 watts allows for an enormously high cutting speed and the development of new therapies such as e.g. contactless depigmentation.

\*10 µs = 0.00001 second

**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**.

**Easy-Use-Technology:** ready to go

Simply select and start: Together with dentists from around the world, we have pre-programmed 41 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.**

DPL

TECHNOLOGY INSIDE

DPL\*-Technology makes the elexxion lasers unique

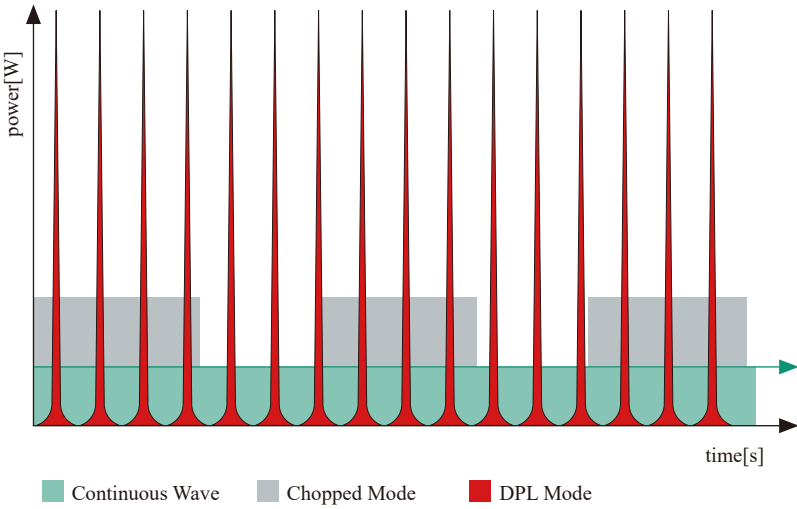


**High pulse power   High frequency   Short pulse duration**

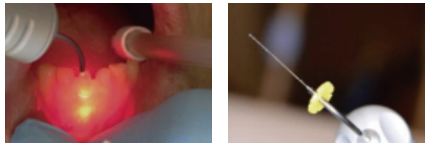
The parameters of peak power, frequency and pulse duration can be modified individually.

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

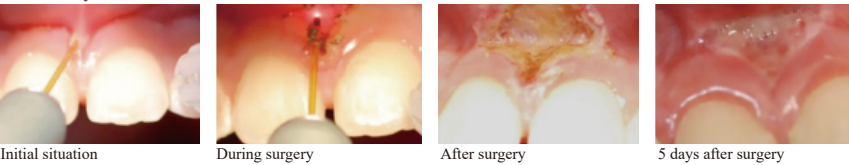
**DP** = digital pulsed, diode pumped, duration power



Decontamination of root canals and dentin tubules



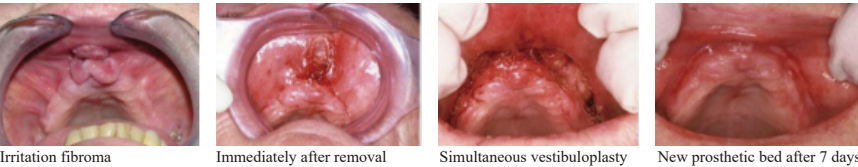
Frenectomy



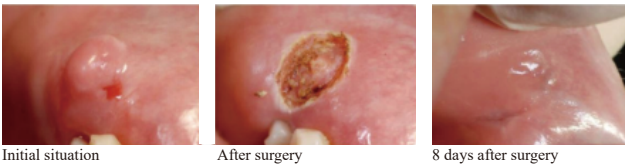
Pocket bacterial reduction



Irritation fibroma



Removal of the fibroma



**elexxion claros® 2.0**