SIRONA – UNIQUE WORLDWIDE SYSTEMS EXPERTISE IN DENTAL EQUIPMENT PRODUCTS
Sirona develops and manufactures a comprehensive range of dental equipment, including CAD/CAM Systems for dental practices (CEREC) and laboratories (inLab), Instruments and Hygiene Systems, Treatment Centers and Imaging Systems. Sirona manufactures high technology products that guarantee ease of use and a high return on investment – for the good of your practice and for the benefit of your patients. In this way, you can approach every challenge that you face, confident in the knowledge that: It will be a great day. With Sirona.

SIROLaser – THE COMPACT DIODE LASER FOR YOUR PRACTICE
Laser treatment doesn’t have to be a big deal any more.
SIROLaser – INCREASE YOUR CHANCES OF SUCCESS

Less pain. Quicker healing. Promises that pay off.

Today, innovative laser technology is enjoying an excellent reputation among patients. For this reason, laser treatment is set to become even bigger in the future. So secure yourself an innovative and competitive edge now. – Go with the latest technology – SIROLaser, the diode laser from Sirona. Your complete dental technology supplier. SIROLaser is significantly more compact and cost-effective than comparable diode lasers, and delivers optimal performance for all key applications. Advantages that speak for themselves and allow your practice to become even more cost-efficient. Whether it’s endodontics, periodontology or surgery: With SIROLaser, you are fully equipped for any procedure.

SIROLaser – CLEARLY ARRANGED AND USER-FRIENDLY

The focal point of your practice.

Laser technology optimizes treatment procedures in your practice, such as germ reduction or surgery. As a diode laser, however, SIROLaser offers a great deal more: minimal dimensions provide maximum space-saving, and the diode laser is maintenance-free. With its ergonomically designed handpiece and either finger or foot switch, SIROLaser is easy and comfortable to use. The practical and flexible SIROdoc accommodates SIROLaser and offers room for both the handpiece and the fibre. This high-performance, gentle and reliable unit makes the treatment process run even more smoothly. During the treatment procedure the clearly laid out menu lets you navigate step by step through every process – giving you perfect results, satisfied patients and increased profitability.

Easy-to-use control menu:

With a single glance at the display of this compact table-top device you see every treatment parameter – all you need to see! The result: the highest level of control and maximum treatment safety, in endodontics, periodontology or surgery alike. Parameters for the most important indications are pre-set as prompts. For verification, the start of the treatment is automatically displayed.

SIROdoc:

When you set down the diode laser and handpiece on the SIROdoc docking station, they are always safe and ready to hand. The optical fibre can be attached to the SIROdoc in different ways. With a length of up to three meters, the optical fibre is supplied in a SIROdoc-compatible fibre management system. This allows the fibre to be securely fixed as required, avoiding any damage right from the beginning.

High flexibility:

One particular advantage of SIROdoc is its modularity: it can be used with any treatment center. This is due to the holder and twin holder for the handpiece and fibre management system, which can be moved to the side or the middle. An additional holder can be attached to the rear of the SIROdoc, if required, so that the fibre management system can be connected to the SIROdoc while on its side, upright or hanging-up.
SIROLaser – THE CLINICAL RANGE OF APPLICATIONS
A bundle of light.
A world of possibilities.

Endodontics.
Endodontic treatment requires particularly high standards in hygiene. With SIROLaser, you can effectively reduce germs and bacteria – even in areas difficult to access such as dentinal tubules of the root canal. To compare: Conventional chemical solutions reduce germs by up to 100µm. Laser light, on the other hand, can reduce them by up to 1000µm. The result: a clear improvement in the prognosis.

Periodontology.
As an adjuvant to conventional treatment, SIROLaser reduces germ and bacterial flora in the gingival pockets during periodontal treatments. Clinically effective, gentle and practical, almost without secondary bleeding, it is also ideal for removing granular tissue.

Surgery.
SIROLaser is ideal for use in surgical procedures on submerged teeth, labial or lingual frenum or fibromas, or for the treatment of aphthae or herpes. It simultaneously cuts and coagulates, with only very slight post-operative swelling and complaints. As a result, the healing process is accelerated significantly.

Prosthetics and implantology.
The most difficult and problematic area in prosthetics and implantology is aftercare. The solution to this? SIROLaser! In the field of prosthetics, for example, SIROLaser can be used in surgical intervention to improve the taking of impressions for prostheses. In implantology, for example, SIROLaser is ideal for treating implant surfaces colonized by bacteria (periimplantitis), and for exposing hidden implants.

Arguments for using lasers in endodontics:
- Less time-consuming
- Requires less rinsing
- Reduced medication required
- Bactericidal effect (approx. 99.9%)
- Denaturization of the smear layer
- Closes apical lesions

Arguments for using lasers in periodontology:
- Requires lower dosage of anesthetic
- Reduced treatment time
- Fewer post-operative complaints
- Minimal secondary bleeding
- Improved microbiological and clinical parameters

Arguments for using lasers in surgery:
- High precision during surgical intervention
- Precise tissue removal
- Minimal damage to surrounding tissue
- Minimal bleeding and reduced surface area of the surgical site
- Minimal irritation and reduced post-operative pain
- Tissue not impaired, minimal swelling, creates a stable matrix
- Virtually no post-operative oral pain

Arguments for using lasers in prosthetics:
- Fewer post-operative complaints
- Allows quicker exposure of preparation boundaries, and quicker surgical intervention
- Predictable aesthetic results regarding the gums
- Exact impressions using hydrophobic impression material, thanks to the strong hemostasis effect.

Arguments for using lasers in implantology:
- Increased probability of success
- Strong antibacterial effect without exposing implant
- Healing of areas that were not ideal
- Healing of areas that were not ideal
- Healing of areas that were not ideal
Compact and easily stored

With a modular docking station that is both simple and convenient, the flexible fibre management system, and the handpiece holder for both right- and left-handed users, you always stay in control, allowing you to concentrate fully on the laser applications in your practice.

The handpiece and finger switch

You can be guaranteed the highest levels of user comfort thanks to the ergonomically designed handpiece and the detachable finger switch. And it comes with a variety of tips. To allow comfortable use in the entire oral region, tips are delivered in three different angles, 30°, 45° and 60°.

The foot switch

SIROLaser can also be optimally controlled using the foot switch.

An investment that pays off!

The economical, high-performance SIROLaser offers you the ideal price-performance ratio. This is because it enables you to offer treatments of the highest clinical level and to bill these as private services. Furthermore, we will support promotion of your private practice services by including 50 patient information brochures with your laser. In this way, satisfied patients will quickly become loyal, long-term customers. And you will have the highest level of investment security.

The SIROLaser – THE DIODE LASER FOR YOUR PRACTICE

The SIROLaser package includes:

- Two laser handpieces, one finger switch, one pair of scissors and six tips.

The SIROdoc accessories:

- Two laser fibres (200 µm, 320 µm or 400 µm (optional)).
- Two pairs of clear laser protection goggles for the dentist and the dental assistant (1 for spectacle wearers, 1 for non-wearers), and one pair of tinted glasses for the patient.
- 50 patient information leaflets.

The technical details:

- Wavelength: 970 ± 10 nanometers
- Power: 0.5–7 watts
- Emission Mode: Chopped mode/Continuous wave (cw) mode
- Frequency: 1 Hz–10 kHz
- Weight: 450 g
- Dimensions (D x W x H): 5.4 x 0.8 x 1.93 cm