A.R.C. LASER
enlighten your surgery.

LASERS FOR ENT

FOX 980 nm

FOX
DIODE LASER

- 980 nm, 12 Watt
- Video-Touch-Screen
- Intuitive Handling
- Green aiming beam for best Visibility

LASER_INNOVATION
MADE IN GERMANY
A.R.C. Laser
LASER TECHNOLOGY MADE IN GERMANY

A.R.C. Laser is the synonym for laser technology “Made in Germany”. All research and development for our lasers takes place in Germany. The international success made A.R.C. one of the strongest laser company worldwide.

The roots of this privately held company located in Nuremberg ranges back into the long history of laser application in medicine. The founders of Meditec GmbH (1978) brought the first commercially available Nd:YAG laser (secondary cataract) in ophthalmology to the market 1981, later on they had the first Excimer-Laser for refractive surgery, the Meditec Excimer Laser (MEL). Followed by the MEL 80 (Carl Zeiss Meditec), this system still represents an high power of innovation.

A.R.C. Laser is a technology company specialized in the development, production and sales of laser systems like ENT, Ophthalmology, Aesthetic surgery and Dermatology, Phlebology with a strong arm in Dentistry.

Thinking of Ophthalmology we hold more than 60 patents in this field with its extent range of applications. Today, the laser is uncompromising the tool of 1st choice.

Today’s patient expectations are more demanding than ever. We’ve brought together an experienced team of engineers that knows how to meet and exceed patient expectations by utilizing advanced technology.

We cordially invite you to scroll with us through this brochure to get an idea of the development of diode laser for ENT made by A.R.C. Laser.

Mostly clinics and surgery centers used lasers in the past. Based on our affordable FOX we are able to offer an inexpensive laser solution to our clients - Expand your range of treatments. Invest in new technology for more success in your practice. Use the advantages of our Diode Laser FOX. Get in touch with laser technology „Made in Germany“.

The FOX Laser is widely accepted throughout all health service fields. This results in a dense net of users all over the world and a reasonable retail price for our clients. Intelligent solutions and motivated employees stand for a high product quality.

Angela Thyzel
CEO A.R.C. Laser
FOX is an essential component to any OR or office.
FOX is a more practical alternative to large, expensive lasers.
FOX is unmatched in performance.

PORTABLE. AFFORDABLE. VERSATILE.

The FOX offers up to 12 W - sufficient power for almost any treatment.
Our laser equipment targets the needs of Otolaryngologists and Rhinologists. In addition, A.R.C. Laser is focused on addressing nasal sinus infections, such as Chronic Rhinosinusitis (CRS). Our partner in the U.S. has successfully completed its human feasibility studies and has begun U.S. clinical studies on the use of its proprietary, minimally invasive light based therapy. Lasers have become the treatment of choice for most procedures and consequently there is an increased interest in sophisticated, yet practical devices. It is a challenge to meet the demand of patients and physicians for applications with better results. A.R.C. Laser meets this challenge all around the globe.
A.R.C. FOR YOUR LASER THERAPY

Laser-Turbinoplasty inside the nasal cavity to reduce the inferior turbinate.

Laser DCR with the FOX 980 nm

Epistaxis Control - non contact

Postoperative pain is significantly reduced when compared to non laser procedures: Minimal or no requirement for anesthetics.

Nasal
- Laser assisted tuboplasty of the eustachian tube (LETP) with a special micro endoscope
- Turbine treatment
- Septum spur, septum deformation
- Nasal sinus surgery
- Tonsillotomy, tonsillectomy/LAUP

Endoscopy / Micro endoscopy
- Eustachian tube
- Lacrimal passages
- Saliva way
- Micro otology
- Micro sinus surgery

Oral Fibroma - no bleeding - rapid healing

Otolaryngology
- Paracentesis, myringotomy
- Mucosa hyperplasia
- Stapes surgery
- Removal of cholesteatoma

Otology
- Polypectomy in area of vocal ligaments
- Polyps/- papilloma resection
- Epistaxis treatment
- Laryngeal carcinoma
- Cysts, mucous cysts
- DCR treatment / Lacrimal surgery
- Removal of stenois in lacrimalis
- Synechia, stenosis in endonasal structures
- Tumor, Granuloma resection
- Congenital larynx stenosis
- Hemangiomas
- Morbus Osler

Oral/Larynx /Surgery
Optimum results – modern laser technology

The FOX opens a new dimension in the treatment of the mouth and throat. FOX-Diode-Laser cuts without almost any bleeding and allows precise handling.

**FOX** rapidly coagulates blood vessels due to its wavelength of 980 nm.

**FOX** is available at a fraction of the cost of other lasers.

**FOX** should be present in every physician’s office.

**FOX** minimal costs for disposables.

- TOUCH-SCREEN – Treatment at your finger tips
- Compact dimensions, low weight and battery powered
- High portability and well suited for a wide range of applications
- Short Pulses (0.1 ms) for reduced pain and improved course of healing
- Stores your individual treatment parameters
- Flexible bare fibers for a huge range of movement
- High quality and lossless laser coupling
- Inexpensive disposables
- Affordable price
- 2 year warranty

**Patented Click-Fibers**
High-quality laser coupling for the precise connection of fiber optic and laser
The growing demand for inexpensive laser applications in ENT is supported by disposable hand pieces. These meet the increased requirements for sterility and operating capability.

SPECIFICATIONS FOX 980nm

<table>
<thead>
<tr>
<th>Wavelength/Power*</th>
<th>980 nm</th>
<th>12 Watt*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pulse Width / adjustable</td>
<td>0.1 ms to cw</td>
<td>0.1 ms to cw</td>
</tr>
<tr>
<td>Pulse Intervall</td>
<td>0.1 ms to cw</td>
<td>0.1 ms to cw</td>
</tr>
<tr>
<td>Aiming Beam</td>
<td>Green 532 nm, &lt; 1 mW</td>
<td>Green 532 nm, &lt; 1 mW</td>
</tr>
<tr>
<td>Dimensions (WDH)</td>
<td>142 x 163 x 174 mm</td>
<td>142 x 163 x 174 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>1.2 kg</td>
<td>1.2 kg</td>
</tr>
<tr>
<td>Input Voltage</td>
<td>Integrated Batteries, rechargeable</td>
<td>Integrated Batteries, rechargeable</td>
</tr>
</tbody>
</table>

Changes in design and specifications to improve performance will be incorporated without any further notice.

* at the distal end