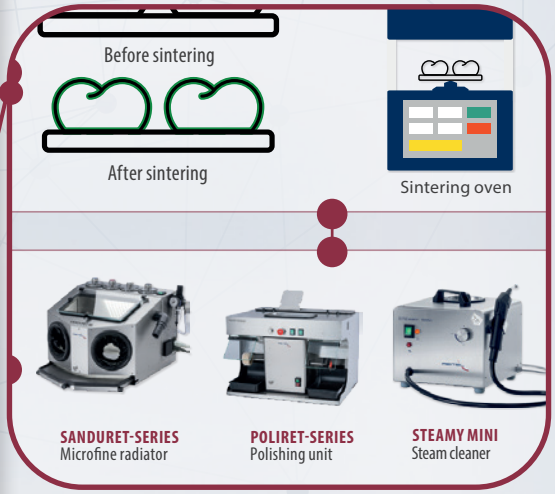
# REITEL IN THE DIGITAL WORKFLOW: INDISPENSABLE FOR YOUR SUCCESS!


## WORKSTATIONS


## POST-PROCESSING



REITEL

THE ORIGINAL IN STAINLESS STEEL

★★★★★★★

1985

# WE ARE STAINLESS STEEL!

For four decades, we have been at the forefront of innovation in laboratory equipment technology and have established ourselves as a manufacturer of high-quality stainless steel medical devices. Our success is built on a highly skilled team and a consistent focus on customer benefits. We provide customized solutions for a wide range of industries, including dental laboratories, medical practices, industrial companies, restorers, and jewelry manufacturers, always placing our customers at the center of our efforts.

Daniel Reitel
*Managing Director*

The digital workflow offers many advantages; however, manual finishing and individual craftsmanship remain essential for achieving the highest quality. This is where our proven stainless steel devices, such as steam cleaners, sandblasters, ultrasonic cleaners, and polishing machines, come into play. These are indispensable for thoroughly cleaning, polishing, and refining dental prostheses before they are used on patients. Our steam cleaners reliably remove residues and germs, sandblasters ensure a perfect surface structure, and ultrasonic cleaners guarantee deep cleaning of hard-to-reach areas, enhancing the hygiene and quality of the final product.

The combination of digital workflows and our conventional equipment offers unbeatable advantages. While digital workflows minimize errors and accelerate production, REITEL devices ensure the necessary finishing touches and outstanding quality. By integrating digital and conventional technologies, we enable dentists and dental technicians to reduce treatment and production times—an advantage for patients, practices, and laboratories alike.

**For the success of our customers!**

*Daniel Reitel*

Daniel Reitel
Managing Director

The STEAMY MINI -
The original in stainless steel

# DIGITAL WORKFLOW by REITEL

## Dentures with zirconium

Dentures with zirconium

Intraoral scanners produce a detailed image of the teeth quickly, precisely and without the unpleasant impression material in the mouth for many patients.

If necessary, the scan is printed using a 3D printer and thus replaces the conventional plaster model.

**SONIRET RP**
Ultrasonic cleaning unit
The dental impression is cleaned in an ultrasonic bath ...

**POLYCURE**
Light curing device
... and then light-cured.

3D-Model

Patient with concerns. Taking the dental impression or making a scan with the intraoral scanner

Production of the plaster model from the impression by the dentist.

**VIBROMAT**
Vibrator

**VACURET SERIES**
Vacuum mixing device

**ROTOGRIND CLASSIC**
Trimmer

Finished plaster model

The plaster model is digitized and scanned with the help of a scanner.


**ANYSCAN SERIES**
AnySCAN Scanner, Set

Milled zirconium rondel for further processing.

The milling machine processes the zirconium oxide ceramic block so that it corresponds to the shape of the designed workpiece.

**ANYCAM SERIES**
Milling Device

Zirconium blanks for precise CAD/CAM applications are made of high-quality materials to achieve perfect results.

The created workpiece is created by EXOCAD as a digital template.


**EXOCAD**
Editing Software

Creation of bridges, crowns, model castings, surgical guides, occlusal splints using the software for transfer to the 3D printer.

The individual workplaces are now cut out of the zirconium disc at the workstations. This is done with the handpiece and a very steady hand of the dental technician.

**ERGORET COMFORT**

**ERGORET CLASSIC**

**ERGORET CC**

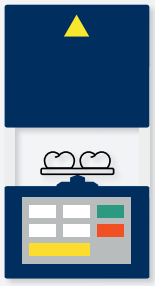
**DUSTY ZIRKON**
Extractor

Handpiece

In the sintering process, granular, crystalline or powdered materials are heated so that their surfaces can fuse and solidify. This process is also described as „fusing“ or „bonding“ of the particles.

Before sintering

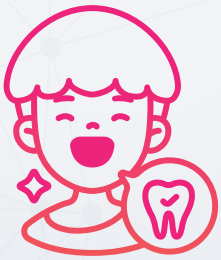
After sintering



Sinter oven

The workpiece is coated with ceramic as required and then returned to the patient for final use.

The dentist inserts it and the patient his new zirconia denture of high quality and a individual appearance.



**BIOSTEAM CENTER**
Steam box

Finally, the workpiece is steamed and finalised back in the laboratory.

**STEAMY MINI**
Steam cleaner

**SONIRET SWEEP**
Ultrasonic cleaning unit

After treatment, the workpiece is sent to the dentist for fitting.

The workpiece is then disinfected in the ultrasonic tank.

**SANDURET SERIES**
Microfine sandblaster

**POLIRET SERIES**
Polishing device

**STEAMY MINI**
Steam cleaner

Nach dem Reinigen

As soon as the workpieces have cooled down, they are subjected to post-processing. The oxide layer is blasted. The surface of the workpieces is then carefully polished to achieve a smooth and natural appearance. It may also be necessary to vaporise some areas of the workpiece.

**The world is becoming more digital and so are the demands and requirements on devices.**
If you have any questions, please feel free to contact us at any time on the well-known REITEL number +49 54 72 / 94 32-0 or send an e-mail to info@reitel.com.
We are happy to help you personally to optimize your workflow.

REITEL
www.reitel.com

Dentures in 3D printing

# DIGITAL WORKFLOW by REITEL

## Dentures in 3D printing

Intraoral scanners produce a detailed image of the teeth quickly, precisely and without the unpleasant impression material in the mouth for many patients.

If necessary, the scan is printed using a 3D printer and thus replaces the conventional plaster model.

**SONIRET RP**
Ultrasonic cleaning unit
The dental impression is cleaned in an ultrasonic bath ...

**POLYCURE**
Light curing device
... and then light-cured.

3D-Model

Patient with concerns. Taking the dental impression or making a scan with the intraoral scanner

Production of the plaster model from the impression by the dentist.

**VIBROMAT**
Vibrator

**VACURET SERIES**
Vacuum mixing device

**ROTOGRIND CLASSIC**
Trimmer

Finished plaster model

The plaster model is digitized and scanned with the help of a scanner.

**ANYSCAN SERIES**
AnySCAN Scanner, Set

After printing, it may be necessary to fire the material again. Alternatively, the printed denture is light-cured (again depending on the material selected).

**POLYCURE**
Light curing device

Ceramic oven

Depending on the material and requirements, the workpieces made of EXOCAD are printed using the 3D printer. Nowadays, direct printing from metal is also possible.

The created workpiece is created by EXOCAD as a digital template.


**EXOCAD**
Editing Software

Creation of bridges, crowns, model castings, surgical guides, occlusal splints using the software for transfer to the 3D printer.

After hardening, the denture is deburred and ground at a workstation and the support structures are removed.

**ERGORET CLASSIC**

**ERGORET CC**

**SONIRET RP**
Ultrasonic cleaning unit

In order to remove any dirt and remnants of the dental impression, the dentures are treated in an ultrasonic bath.

**SANDURET SERIES**
Microfine sandblaster

**POLIRET SERIES**
Polishing device

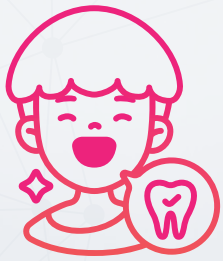
**STEAMY MINI**
Steam cleaner

Printed prosthesis

After the process, the final finishing touches are made. The surface of the workpieces is carefully polished to achieve a smooth and natural appearance. For this purpose, it may also be necessary that some areas of the workpiece have to be steamed off or illuminated a little.

The finished workpiece is coated with ceramics as required and is then returned to the patient for final use.

The dentist inserts it and the patient has his new dental prosthesis made of zirconium with high quality and individual appearance.



After use in the patient process, the workpiece is sent back to the laboratory for final production. Here it is cleaned again and steamed off.

**STEAMY MINI**
Steam cleaner

**BIOSTEAM CENTER**
Steam box

After the treatment and completion of the workpiece, this is sent to the dentist. Here it is inserted into the patient as a test.

The workpiece is then disinfected again in the ultrasonic basin.

**SONIRET SWEEP**
Ultrasonic cleaning unit

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# DIGITAL WORKFLOW by REITEL

## KFO: Archiving, documentation and planning

KFO: Archiving, documentation and planning

Intraoral scanners produce a detailed image of the teeth quickly, precisely and without the unpleasant impression material in the mouth for many patients.

If necessary, the scan is printed using a 3D printer and thus replaces the conventional plaster model.

**SONIRET RP**
Ultrasonic cleaning unit
The dental impression is cleaned in an ultrasonic bath ...

**POLYCURE**
Light curing device
... and then light-cured.

3D-Model

Patient with orthodontic concerns. Taking a dental impression or making a scan with the intraoral scanner.

Fabrication of the plaster model from the impression by the technician.

**VIBROMAT**
Vibrator

**VACURET-SERIE**
Vacuum mixer

**ROTOGRIND NT KFO**
Wet trimmer (without discs)

Finished plaster model

The plaster model is digitized and scanned with the help of a scanner.


**ANYSCAN SERIES**
AnySCAN Scanner, Set

The workpieces are then spread on the models at the workstation with monomer extraction.

**DUSTY COMFORT**
Wet/dry vacuum cleaner

**DUSTY MINI HEPA**
Dry vacuum cleaner

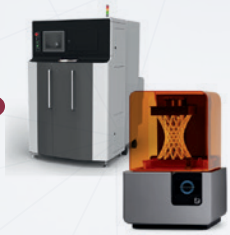
**ERGORET CC KFO**
For acrylic and orthodontic work

3D-Model

Finished plaster model

After metal printing, the material has to be fired again in the kiln.

Ceramic stove



Depending on the material and requirements, the workpieces are printed from the software using the 3D printer. This can be done using either the metal printer or the resin printer.

Appliances, indirect bonding trays, aligners, retainers from the processing software.


**EXOCAD ODER ANDERE SOFTWARE**
Editing software

Create bite splints, aligners, retainers for transfer to the 3D printer.

**POLYCURE**
Light curing device

Or the print from the resin printer is light-cured.

**SONIRET RP**
Ultrasonic cleaning unit

The print is treated in an ultrasonic bath to remove any dirt and residue from the print.

**SANDURET-SERIE**
Microfine sandblaster

**POLIRET-SERIE**
Polishing unit

**STEAMY MINI**
Steam cleaner

**BIOSTEAM CENTER**
Vapour extraction box with suction

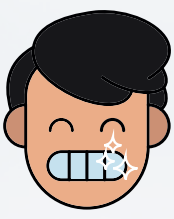
Apparatus

The process is followed by the final finishing work. Here, the surface of the workpieces is carefully polished to achieve a smooth and natural appearance. It may also be necessary to steam or blast some areas of the workpiece.

The finished workpiece is treated again with the needle cleaner at the inspection appointments as required ...

**PROTOFRESH**
Needle cleaner

... and used by the patient until the patient is satisfied.



**SONIRET SWEEP**
Ultrasonic cleaning unit

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# OUR SERVICES FOR RETAILERS AND USERS

## 1. PERSONAL CONTACT

**At REITEL, direct interaction with our customers is a top priority.** Our experts are available not only online but also in person—whether on-site or within the digital workflow. We are happy to visit you to understand your specific requirements and provide tailored solutions.

With our new REITEL Portal (portal.reitel.com), communication reaches a whole new level. Here, you can quickly and easily get in touch with us, access important information, or submit your requests directly. Additionally, we offer the option to connect with our specialists via live chat or Zoom call.

Stay up to date by following us on LinkedIn, Instagram, Facebook, and YouTube. Whether digital or in person—at REITEL, we are always here for you.

## 2. SERVICE ORIENTATION

**At REITEL, excellent service is our top priority.** By registering your device, you gain higher service priority—yet another reason to rely on REITEL's proven quality and outstanding support.

Our goal is to make your work processes as efficient as possible while minimizing unnecessary downtime. With REITEL, you benefit from reliable service, expert support, and seamless operations—so you can focus on what truly matters.

## 3. OPERATIONAL GUARANTEE

**At REITEL, we ensure that you remain fully operational at all times.** If a required device is unavailable both in stores and from us, we will provide a free rental unit in coordination with a specialized dealer.

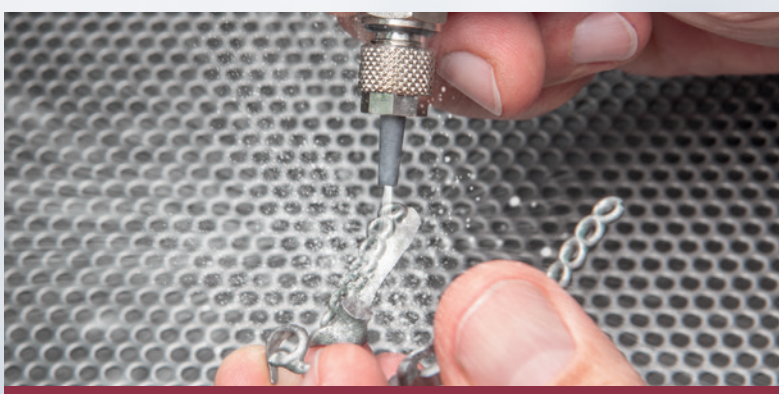
If the delivery time for an ordered device exceeds ten business days, we also offer a free rental solution to bridge any gaps. In the event of a warranty claim, you will receive a complimentary rental unit (subject to availability). While these devices may differ technically from the original, they are always suitable for the same application.

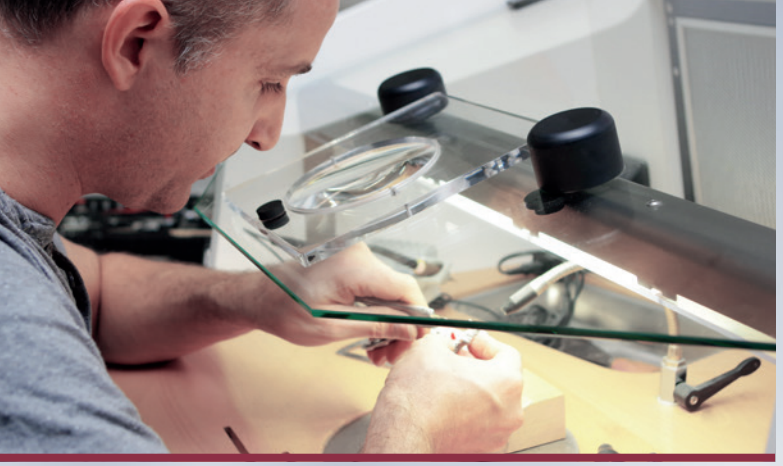
## 4. REITEL CARE SERVICE EXTENSION

**With the REITEL CARE Service Extension, you receive comprehensive support in the event of device failures.** We take care of the pickup and return shipment of the affected device and, depending on availability, provide a free replacement unit.

If the warranty period has expired, you will receive a cost estimate—independent of REITEL CARE. A key advantage: the REITEL CARE extension can be purchased even after your initial purchase, offering an additional 12 months of **support within Germany and Austria.**

Please note that REITEL CARE is currently available **only for small devices.**





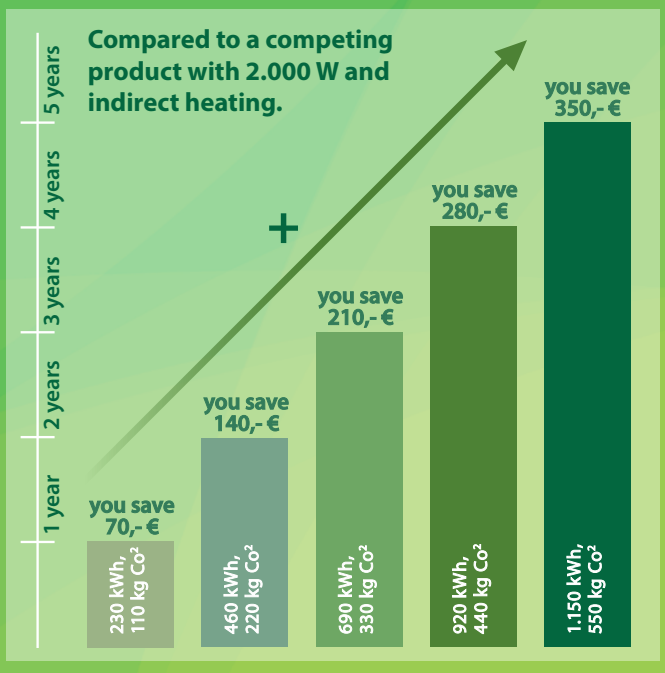
5.

# REITEL GOES GREEN

ECO

At REITEL, environmental awareness and sustainability are at the core of our product philosophy. Stainless steel is indispensable in dental technology and the medical field—not only for its hygienic properties but also for its exceptional durability. Whether new or refurbished, our devices are known for their robustness and reliability. This not only saves you money but also actively contributes to environmental protection by extending the lifespan of our products and reducing waste.

Our steam cleaning devices set new standards in energy efficiency: thanks to direct heating, they consume nearly 50% less electricity compared to conventional systems with indirect heating in the boiler base. This innovative technology not only significantly reduces energy consumption but also allows for quick and cost-effective maintenance through the easy replacement of the heating element.



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