Efficient cleaning for your daily routine

Remove temporary cement without manual work

The material-friendly removal of cement residues from restorations can be carried out easily and reliably with temp.ex.

Automated denture cleaning

The denture cleaning device SYMPRO, automatically cleans dentures, orthodontic appliances and splints quietly and in a time-saving, efficient manner.
Renfert’s goal is to make steps of the cleaning workflow easier for you. That’s why we strive to know how a practice works and understand its requirements. We ask questions and listen carefully.

Our equipment and material development doesn’t take place behind the closed doors of an R&D department, but in close collaboration with the people who use our products on a daily basis.
Instead of labor-intensive removal by hand, simply place the restoration in the cleaning solution, allow it to take effect, remove the cleaned object and rinse with water. This method is safe, safeguards the restoration and allows more time for other chores.
temp:ex
Temporary Cement Remover

temp:ex is a solvent for zinc oxide based, dental temporary cements.

“Until now, the removal of temporary cement has always been labor-intensive and annoying. Now, with temp:ex, this process runs simultaneously in the background. In the meantime, my assistant is able to take care of the patient.”

Dr. Sigmar Schnutenhaus

Advantages
- Saves working time through a significant reduction in manual working steps.
- Avoids damage to the restoration via instruments during manual working steps.
- Tested compatibility with standard dental materials.

Details
- Up to 50% quicker using temp:ex in the SYMPRO denture cleaning device.
- Economical use due to dosage aid on bottle.

Ordering information
temp:ex, 250 ml (8.45 fl.oz.) No. 6600 0000

Recommended extension
SYMPRO, 100–240 V | 50/60 Hz No. 6500 0000
SYMPRO mini-cup set No. 6500 0410

Further information
www.renfert.com/temp-ex
temp:ex in comparison with competitor products

Cleaning performance of temporary cement removers

Cleaning performance for resin copings with temporary cement (eugenol) in an immersion bath

The figure below shows the cleaning performance of temp:ex and competitor products for resin copings in an immersion bath. The layer thickness of the temporary cement on the specimens was initially set to 0.25 mm in a standardized procedure.

Cleaning performance for resin copings with temporary cement (without eugenol) in a denture cleaning unit.

The figure below shows the cleaning performance of temp:ex and competitor products for resin copings in a SYMPRO denture cleaning unit. The layer thickness of the temporary cement on the specimens was initially set to 0.25 mm in a standardized procedure.
SYMPRO denture cleaning unit

Automated denture cleaning as an additional prophylaxis service

Extend your practice repertoire with a powerful solution: with SYMPRO, denture cleaning becomes efficient and profitable. The compact denture cleaning device provides a fast and efficient prophylaxis service with minimal effort.

It’s so easy to clean dentures using SYMPRO:

1. Fill the unit and begin ...
2. ... attend to your many other tasks ...
3. ... remove the cleaned denture, rinse. Finished!

„making work easy“ tip:
Benefit from a validated hygienic reprocessing of bowls, cleaning needles and tweezers that allow you to integrate SYMPRO into your practice’ hygiene plan.
SYMPRO
Denture cleaning unit

Compact, high-performance cleaning unit especially suitable for dentures, orthodontic appliances and other dental restorations.

Technical data

- Permissible mains voltage / frequency: 100–240 V, 50/60 Hz
- Power consumption: 90 VA
- Rotational speed: 1200 / 1600 / 2000 1/min
- Dimensions (W x H x D): 150 x 240 x 280 mm (5.91 x 9.45 x 11.02”)
- Weight w/o bowl: approx. 3 kg (6.6 lbs.)

Ordering information

SYMPRO, 100–240 V | 50/60 Hz No. 6500 0000

Scope of delivery SYMPRO

SYMPRO, tweezers, cleaning vessel with cover for use in cleaning device, cleaning bowl with cover for post-treatment, retaining magnet, cleaning needles, manual for hygienic reprocessing

Hygienically Treated

Hygienic reprocessing of the cleaning bowl, cleaning needles and tweezers can be carried out either by means of a manual or mechanical/thermal disinfection process. The efficiency of the respective treatment process has been validated by an accredited test laboratory according to the standards EN ISO 17664, EN ISO 15883-2, ISO / TS 15883-5, AAMI TIR 30:2011.

Advantages

- Additional revenue thanks to prophylaxis service for denture wearers.
- Easy cleaning of temporary restorations in combination with SYMPRO mini cup and temp:ex temporary cement remover.
- Validated, hygienic reprocessing of system components.

Details

- Up to 80% time savings compared to conventional methods thanks to effective and automated cleaning process.
- Optimal and fast cleaning performance due to an inclined bowl at 35°.

Accessories

1 Cleaning pins, 75 g (2.63 oz.) No. 6500 0550
2 SYMPROfluid Universal, 2 x 2 l (2 x 0.53 gal) No. 6500 0600
3 SYMPROfluid Nicoclean, 2 x 2 l (2 x 0.53 gal) No. 6500 0610
4 SYMPRO mini-cup set No. 6500 0410

Further information

www.renfert.com/sympro
My experience with the **SYMPRO** denture cleaning unit.

**Automatic denture cleaning that really works!**

A user report by Christopher Tuxford, dentist from Hochstetten, Germany

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**Fall 2017, Trade Exhibition Stuttgart**

"Full aisles, lots of booths, a total information overload! Everything new, everything great and everything EXPENSIVE. But then, something caught my eye. A small, white/grey and simple looking device, but somehow, it was something special. It was only then that I realized I was standing infront of the Renfert booth. Laboratory stuff! I’m a Dentist! What is this?

The friendly answer was to the point: It’s a SYMPRO denture cleaning unit, for use as an addition to or exclusively in the practice. Great! The laboratory has something like that in large. It takes 2–3 hours to get the dentures back again. But then they look like new. So, I asked for more information. I was told it takes 20–40 minutes’ cleaning time, post-polishing is not necessary. Wow! And that works? OK, the price is less than I expected.

Whilst waiting for the device to arrive, I did my research. It all sounded very positive. In particular, I find the idea of a dental technician who thought of offering cheap denture cleaning for retirement homes using this device via the internet, fantastic.

And then, at last, my first practice run. In fact it’s true, within 20–40 minutes, depending on the state of the denture, you can achieve very good results, which are comparable to the laboratory denture cleaning. Ideal for cleaning the dentures whilst the patient receives prophylactic tooth cleaning treatment, where you can then send the patient away with completely clean teeth.

It’s fair to say, that approximately 80% of denture cleaning is now done in the practice. The unit is well and truly integrated within the daily practice routine and works reliably".

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**March 2018**

"Meanwhile, we receive dentures again, that were cleaned months ago. There are no increased deposits on the dentures, that would indicate any micro-abrasion may have occurred. In addition, patients with heavily discolored dentures due to
smoking, have approached us and asked directly for the denture cleaning service. The plan to use the device for regular cleaning of dentures from retirement home residents is currently still failing due to logistics. There is a need, but whether this will be paid for remains to be seen.

**Fall 2018**
“A year has passed. With the exception of new patients, there are hardly any dentures requiring excessive and therefore longer cleaning times than > 20 minutes”.

**Conclusion**
“Denture cleaning only takes < 20 minutes and can be easily carried out in half the time it takes for a professional tooth cleaning session.

This also applies to my experience in the retirement home, with the exception of one new retirement home resident. During a routine visit in a retirement home, these dentures were shown to me. The staff had previously tried to clean the dentures using all sorts of methods, and probably meant well. Unfortunately, the denture teeth had suffered. At the request of the relatives, however, the dentures were not to be sent to a laboratory for cleaning, in order to save costs. At last, a challenge awaited me”.

**The Challenge**
“The tartar, which had built-up over the years, was so stubborn, that cleaning took much longer than for standard soiling. However, the results were impressive.

This service, which required no manual work, earned me €30. The manufacturer’s invoicing examples were very helpful”.

**Conclusion after one year**
“I would say, the introduction of the SYMPRO denture cleaning unit into my practice, has been a great success”.

Christopher Tuxford
November 2018
Easyclean
Ultrasonic cleaning unit

Ultrasonic cleaning device with optimized sound frequency for intensive and gentle cleaning.

“Never place items to be cleaned directly on the floor of the ultrasonic tank, as this could cause damage. Use the basket or a similar aid.”

Oliver Bothe, Master Dental Technician, Product Management

Advantages
- Very good cleaning results using the optimally coordinated ultrasonic high-performance transducer system (37 kHz).
- Quick, optimal cleaning capacity due to degassing of the cleaning fluid (degas function).
- Uniform cleaning intensity on large items based on permanent displacement of the pressure wave peaks (sweep function).

Details
- Adjustable heating in 5°C increments (heat range 30–80°C/ 86–176°F).

Technical data

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Permissible mains voltage / frequency</td>
<td>220–240 V, 50/60 Hz</td>
</tr>
<tr>
<td>Power consumption</td>
<td>280 W</td>
</tr>
<tr>
<td>Ultrasonic frequency</td>
<td>37 kHz</td>
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<tr>
<td>Ultrasonic effective power</td>
<td>80 W</td>
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<tr>
<td>Heating power</td>
<td>200 W</td>
</tr>
<tr>
<td>Tank, max. volume / operating volume</td>
<td>2.75 l / 1.90 l (0.73 gal / 0.50 gal)</td>
</tr>
<tr>
<td>Tank, inner dimensions (W x H x D)</td>
<td>240 x 137 x 100 mm (9.5 x 5.4 x 3.9”)</td>
</tr>
<tr>
<td>Device, exterior dimensions (W x H x D)</td>
<td>300 x 179 x 214 mm (11.8 x 7.1 x 8.4”)</td>
</tr>
<tr>
<td>Weight</td>
<td>3.3 kg (7.3 lbs.)</td>
</tr>
</tbody>
</table>

Ordering information

- Easyclean, 220–240 V | 50/60 Hz No. 1850 0000
- Easyclean, 120 V | 50/60 Hz No. 1850 1000

Cleaning agent

GO-2011 speed – the perfect partner for optimum cleaning
Easyclean
Accessories and cleaning agent

1. Plastic lid
   - Quicker heating.

2. Stainless steel cover
   - Cover for use with the cleaning jar or plastic container with lid.

3. Stainless steel basket
   - For storage of cleaning items.

4. Stainless steel immersion basket
   - For cleaning small and very delicate items.

5. Acid bath insert
   - For acids and fluids not suitable for use in the stainless steel tank.

6. Cleaning jar
   - For the use of additional cleaning fluids.

7. Plastic container with lid
   - Ideal for cleaning smaller items and working with acids.

8. GO-2011 speed, Plaster and alginate solvent
   Suitable for cleaning different instruments and aids quickly and thoroughly in only 50% of the time in comparison to conventional plaster and alginate solvents.
   - Efficient removal of stubborn residues in a cleaning bath and even faster in an ultrasonic unit.
   - Ready-to-use solution in a handy canister.

Ordering information

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Plastic lid, gray, 1 piece</td>
<td>18500001</td>
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<tr>
<td>2</td>
<td>Stainless steel cover, 1 piece</td>
<td>18500002</td>
</tr>
<tr>
<td>3</td>
<td>Stainless steel basket, 1 piece</td>
<td>18500003</td>
</tr>
<tr>
<td>4</td>
<td>Stainless steel immersion basket, 59 mm, 1 piece</td>
<td>18500004</td>
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<tr>
<td>5</td>
<td>Plastic acid bath insert, 1 piece</td>
<td>18500005</td>
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<tr>
<td>6</td>
<td>Cleaning jar, 600 ml with lid and rubber band, 1 piece</td>
<td>18500006</td>
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<tr>
<td>7</td>
<td>Plastic container with lid, 1 piece</td>
<td>18500007</td>
</tr>
<tr>
<td>8</td>
<td>GO-2011 speed, 2 l (0.53 gal)</td>
<td>20120000</td>
</tr>
</tbody>
</table>
making work easy

Optimize your profits by using efficient materials and devices. Cleaning dentures, restorations and other objects on a daily basis, means less manual work with the same high-quality results.

WORKFLOW GUARANTEE

- 3 year guarantee
- 10 year spare parts service
- Activity guarantee

www.renfert.com