miniETD2 – the small reprocessor with the big performance.
Hygienic safety for patients and medical staff as well as legal safety at the highest level is a demanding challenge. With the miniETD2, Olympus provides the latest innovations in endoscope reprocessing for smaller endoscopy departments and private practitioners.

The miniETD2 not only offers an ETD System for single scope reprocessing, but also provides more flexibility for endoscopy units seeking to gain more reprocessing capacity. The outstanding disinfection characteristics of peracetic acid (PAA) provide doctors, medical staff and hospital administrators with a new dimension in single scope reprocessing.

Covering all requirements in endoscope reprocessing.

A cooperation of excellence.
With Miele Professional and Ecolab, Olympus has two partners who offer the best in automated reprocessing and infection control. The combination of unparalleled experience and expertise in all relevant areas of hygiene in endoscopy make this cooperation highly effective – to your advantage and safety.

Highest quality standards for smaller endoscopy units.

The PAA process prevents any formation of biofilms, is not volatile, does not harm users’ and patients’ health and the process runs faster and more effectively!

Designed for smaller endoscopy units with the need to reprocess one endoscope at a time.

Endoscan2 option provides comprehensive documentation.

Thanks to extensive testing, all components of the system are perfectly tuned.
**The Peracetic Acid process:**
100 % glutaraldehyde-free and 100 % peace of mind.

**Improved chemicals provide enhanced protection.**
The peracetic acid process combines numerous advantages and gives doctors, nurses and hospital administrators peace of mind. This process marks a new level in endoscope reprocessing:
- Prevents any formation of biofilms
- Not volatile
- Does not harm users’ and patients’ health
- Runs faster and more effectively

**Full material compatibility with flexible Olympus endoscopes.**
Extensive research was carried out to develop a formula for the composition of chemicals which ensures full material compatibility with flexible Olympus endoscopes. During extensive testing at the Ecolab and Olympus laboratories, material compatibility has been tested and optimised.

**Save time and money with shorter reprocessing cycles.**
The excellent disinfection characteristics of peracetic acid allow the miniETD2 to perform the disinfection at a temperature of just 35 °C. This considerably reduces the amount of time it takes for the water to heat up and thus significantly shortens the entire reprocessing cycle. The endoscope is ready for use more quickly, and the cost-effectiveness of your investments noticeably increases.

**No room for speculation:**
Verified quality and effective prevention of repairs.

**Reliable disinfection results confirmed by laboratory reports.**
Independent hygienic expert reports have verified the reprocessing results of the miniETD2. The test results confirm the reliable cleaning, disinfection and hygienic safety of the miniETD2 system according to state-of-the-art international standards.

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<th>Tests of miniETD2 with peracetic acid (PAA) process</th>
<th>Laboratory</th>
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<tr>
<td>1. Type testing acc. to EN ISO 15883 (in progress)</td>
<td>Institute of Technical Hygiene, Charité Berlin (Germany)</td>
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<tr>
<td>2. Bactericidal, mycobactericidal, yeasticidal, virucidal and sporicidal efficacy of PAA process chemicals</td>
<td>Institute of Hygiene, University Bonn (Germany)</td>
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<tr>
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<td>5. Ecological evaluation of EndoDet, EndoDis and EndoAct</td>
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<td>6. Hazard assessment EndoDet, EndoDis and EndoAct</td>
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</tr>
</tbody>
</table>

The miniETD2 is also available with the Olympus glutaraldehyde process instead of the PAA process.

**Detests the slightest leakage before it causes major damage.**
The leakage tester checks all endoscopes thoroughly for leakage, thereby identifying potential problems before they are able to cause serious damage. This is an effective way of preventing the need for repairs, since damages due to fluids entering the endoscopes are the most common cause for costly repairs.

**The leakage tester helps to prevent repairs.**

The leakage tester detects the slightest leakage, thereby identifying potential problems before they are able to cause serious damage. This is an effective way of preventing the need for repairs, since damages due to fluids entering the endoscopes are the most common cause for costly repairs.
A new dimension of safety and technology.

Improved rinse water treatment with UV unit.

Using PAA also revolutionizes the decontamination of the rinse water in the miniETD2. Just a small amount of peracetic acid in the rinse water has a bacteriostatic effect. In conjunction with the UV light unit, this innovative concept prevents the endoscope from being recontaminated by the rinse water. As there is no more need for heating the rinse water, this method contributes substantially to the reduction of the overall cycle time.

The correct disinfection concentration is ensured at all times!

With volumetric dosage monitoring, the proper dosage of chemicals in the miniETD2 is constantly monitored. The dosage quantities of all chemicals are measured using an impeller rotation counter. This direct volumetric control guarantees the correct and precise dosage of chemicals and consequently the correct concentration of the disinfection solution.

Endoscan2 option is available for more legal protection.

With the Endoscan2 option, you can upgrade your miniETD2 system and produce a report for each cycle. This includes:

- serial number of the miniETD2
- type and serial number of the reprocessed endoscope
- name of the person who started the miniETD2 cycle
- all process parameters
- report that all reprocessing parameters were correct and that a proper reprocessing result has been achieved

Fully automatic process.

Revolutionizing the decontamination of the rinse water.

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Fully automatic process.
Maximum features for maximum results.

ETD System  Easy Installation  Easy Operation  Verified Quality

Time Saving  PAA Process

UV Disinfection  Endoscopy Systems Integration  Leakage Tester  Rinse Water Treatment